

COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES

2020-2018 ALL FUNDS

APPROPRIATIONS	2020 **	2019 AS PASSED	2019 AS ADJUSTED *	2018 ACTUAL
FUND				
Corporate Fund	\$ 386,972,700	\$ 377,612,500	\$ 377,612,500	\$ 370,209,200
Construction Fund	17,044,400	18,340,300	18,340,300	26,080,600
Capital Improvements Bond Fund ***	214,406,500	378,173,800	378,173,800	312,982,900
Stormwater Management Fund	116,258,000	91,410,100	91,410,100	65,581,000
Retirement Fund	87,319,000	87,281,000	87,281,000	89,604,000
Reserve Claim Fund	34,395,000	31,767,800	31,767,800	30,289,500
Bond Redemption & Interest Fund	233,021,867	238,357,541	238,357,541	256,304,187
TOTAL	\$ 1,089,417,467	\$ 1,222,943,041	\$ 1,222,943,041	\$ 1,151,051,387
LEVIES				
Corporate Fund	\$ 266,455,300	\$ 254,574,100	\$ 254,574,100	\$ 241,153,834
Construction Fund	7,000,000	7,600,000	7,600,000	11,700,000
Stormwater Management Fund	52,926,000	52,926,000	52,926,000	47,826,000
Retirement Fund	72,227,600	71,565,400	71,565,400	71,534,197
Reserve Claim Fund	7,500,000	7,500,000	7,500,000	6,000,000
Subtotal	\$ 406,108,900	\$ 394,165,500	\$ 394,165,500	\$ 378,214,031
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
2016 Qualified Energy Conservation Limited Tax Series F	\$ 165,804	\$ 165,804	\$ 165,804	\$ 165,804
2009 Limited Tax Series	35,564,767	35,564,767	35,564,767	35,564,767
2011 Limited Tax Series B	20,865,901	18,950,616	18,950,616	28,911,238
2011 Unlimited Tax Series C	2,142,417	2,515,991	2,515,991	4,184,800
2014 Limited Tax Series C	7,434,975	8,286,788	8,286,788	6,763,472
2014 Unlimited Tax Series A	5,181,348	5,181,348	5,181,348	5,181,348
2014 Alternate Revenue Unlimited Tax Series B ****	3,390,570	3,391,037	3,391,037	3,390,570
2016 Alternate Revenue Unlimited Tax Series E ****	2,590,674	2,590,674	2,590,674	2,590,674
Alternate Revenue Abatement ****	—	—	—	(5,981,244)
2016 Unlimited Tax Series C	1,554,405	1,554,405	1,554,405	1,554,405
2016 Limited Tax Series D	1,036,270	1,036,270	1,036,270	1,036,270
State Revolving Fund Bonds - Series: Various	98,657,072	99,555,205	100,145,406	86,551,302
State Revolving Fund Stormwater Abatement****				(170,984)
Refunding Bonds - Series:				
2007 Unlimited Tax Series A	26,727,980	26,694,301	26,694,301	26,623,057
2007 Unlimited Tax Series B	4,996,749	4,996,749	4,996,749	4,996,749
2007 Limited Tax Series C	5,541,607	5,541,607	5,541,607	5,541,607
2014 Limited Tax Series D	13,989,638	15,895,337	15,895,337	15,130,830
2016 Unlimited Tax Series A	14,555,959	14,555,959	14,555,959	14,555,959
2016 Limited Tax Series B	2,141,451	2,141,451	2,141,451	2,141,451
Subtotal Bond Redemption & Interest Fund	\$ 246,537,587	\$ 248,618,309	\$ 249,208,510	\$ 238,732,075
TOTAL	\$ 652,646,487	\$ 642,783,809	\$ 643,374,010	\$ 616,946,106
Abatement after the budget year ****	(6,184,633)	(6,185,100)	(6,185,100)	
Total (after planned abatement)	\$ 646,461,854	\$ 636,598,709	\$ 637,188,910	

NOTES: * As Adjusted reflects the 2018 EAV (\$155,788,046,903) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.

** 2020 reflects an estimated 3.0 percent increase in EAV from the 2019 estimate.

*** Prior year obligations for the Capital Improvements Bond Fund are included in the Appropriation for Liabilities.

**** As part of the plan of financing, it is intended and anticipated that tax revenues deposited in the Stormwater Management Fund be transferred to the Bond Redemption & Interest Fund and used to abate taxes levied for this issue.

COMPARATIVE STATEMENT OF TAX RATES

2020-2018 ALL FUNDS

Per \$100 in Equalized Assessed Valuation (EAV)

FUND		2020 **	2019 AS PASSED	2019 AS ADJUSTED *	2018 ACTUAL
	tax rate limit				
Corporate Fund	41¢	16.12¢	16.22¢	15.87¢	15.48¢
Construction Fund	10¢	0.42	0.48	0.47	0.75
Stormwater Management Fund	5¢	3.20	3.37	3.30	3.07
Retirement Fund		4.37	4.56	4.46	4.59
Reserve Claim Fund	½ ¢	0.45	0.48	0.47	0.39
Subtotal		24.56¢	25.11¢	24.57¢	24.28¢
Bond Redemption & Interest Fund:					
Capital Improvement & Interest Fund:					
2016 Qualified Energy Conservation Limited Tax Series F		0.01¢	0.01¢	0.01¢	0.01¢
2009 Limited Tax Series		2.15	2.27	2.22	2.28
2011 Limited Tax Series B		1.26	1.21	1.18	1.86
2011 Unlimited Tax Series C		0.13	0.16	0.16	0.27
2014 Limited Tax Series C		0.45	0.53	0.52	0.43
2014 Unlimited Tax Series A		0.31	0.33	0.32	0.33
2014 Alternate Revenue Unlimited Tax Series B ***		0.21	0.22	0.21	0.22
2016 Alternate Revenue Unlimited Tax Series E ***		0.16	0.17	0.16	0.17
Alternate Revenue Abatement ***		—	—	—	(0.39)
2016 Unlimited Tax Series C		0.09	0.10	0.10	0.10
2016 Limited Tax Series D		0.06	0.07	0.06	0.07
State Revolving Fund Bonds - Series:					
Various		5.97	6.34	6.24	5.56
Refunding Bonds - Series:					
2007 Unlimited Tax Series A		1.62	1.70	1.66	1.71
2007 Unlimited Tax Series B		0.30	0.32	0.31	0.32
2007 Limited Tax Series C		0.34	0.35	0.35	0.36
2014 Limited Tax Series D		0.85	1.01	0.99	0.97
2016 Unlimited Tax Series A		0.88	0.93	0.91	0.93
2016 Limited Tax Series B		0.13	0.14	0.13	0.14
Subtotal Bond Redemption & Interest Fund		14.92¢	15.86¢	15.53¢	15.34¢
TOTAL		39.48¢	40.97¢	40.10¢	39.62¢

NOTES: * As Adjusted reflects the 2018 EAV (\$155,788,046,903) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.

** 2020 reflects an estimated 3.0 percent increase in EAV from the 2019 estimate.

*** As part of the plan of financing, it is intended and anticipated that tax revenues deposited in the Stormwater Management Fund be transferred to the Bond Redemption & Interest Fund and used to abate taxes levied for this issue.

**ACCOUNT SUMMARY COMPARISON
2020 - 2019 ALL FUNDS**

ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2020-2019	
	2020	2019	Dollars	Percent
Board of Commissioners	\$ 5,242,200	\$ 5,256,000	\$ (13,800)	(0.3)
General Administration	21,505,200	18,713,800	2,791,400	14.9
Monitoring & Research	31,546,700	31,548,300	(1,600)	—
Procurement & Materials Management	9,884,700	9,821,100	63,600	0.6
Human Resources	61,329,200	60,229,600	1,099,600	1.8
Information Technology	18,353,500	18,592,700	(239,200)	(1.3)
Law	7,234,100	7,177,700	56,400	0.8
Finance	3,834,400	3,739,800	94,600	2.5
Maintenance & Operations:				
General Division	31,561,600	31,771,800	(210,200)	(0.7)
North Service Area	45,502,900	43,582,000	1,920,900	4.4
Calumet Service Area	38,960,500	36,727,200	2,233,300	6.1
Stickney Service Area	86,564,800	84,511,300	2,053,500	2.4
TOTAL Maintenance & Operations	\$ 202,589,800	\$ 196,592,300	\$ 5,997,500	3.1
Engineering	25,452,900	25,941,200	(488,300)	(1.9)
TOTAL Corporate Fund	\$ 386,972,700	\$ 377,612,500	\$ 9,360,200	2.5
Construction Fund	17,044,400	18,340,300	(1,295,900)	(7.1)
Capital Improvements Bond Fund	214,406,500	378,173,800	(163,767,300)	(43.3)
TOTAL Capital Budget	\$ 231,450,900	\$ 396,514,100	\$ (165,063,200)	(41.6)
Stormwater Management Fund	116,258,000	91,410,100	24,847,900	27.2
Bond Redemption & Interest Fund	233,021,867	238,357,541	(5,335,674)	(2.2)
Retirement Fund	87,319,000	87,281,000	38,000	—
Reserve Claim Fund	34,395,000	31,767,800	2,627,200	8.3
GRAND TOTAL	<u>\$1,089,417,467</u>	<u>\$1,222,943,041</u>	<u>\$ (133,525,574)</u>	(10.9)

**PERSONNEL SUMMARY COMPARISON
2020 - 2018 ALL FUNDS**

ORGANIZATION OR FUND	Proposed FTEs 2020	Budgeted FTEs 2019	Actual FTEs 2018	Increase (Decrease) 2020-2019	
				FTEs	Percent
Board of Commissioners	36	38	37	(2)	(5.3)
General Administration	121	119	120	2	1.7
Monitoring & Research	294	300	307	(6)	(2.0)
Procurement & Materials Management	63	63	61	—	—
Human Resources	92	93	79	(1)	(1.1)
Information Technology	70	71	69	(1)	(1.4)
Law	38	39	35	(1)	(2.6)
Finance	27	27	27	—	—
Maintenance & Operations:					
General Division	112	115	107	(3)	(2.6)
North Service Area	247	248	244	(1)	(0.4)
Calumet Service Area	188	188	185	—	—
Stickney Service Area	369	369	367	—	—
TOTAL Maintenance & Operations	916	920	903	(4)	(0.4)
Engineering	205	212	237	(7)	(3.3)
TOTAL Corporate Fund	1,862	1,882	1,875	(20)	(1.1)
Construction Fund	—	—	—	—	—
Capital Improvements Bond Fund	—	—	—	—	—
TOTAL Capital Budget	—	—	—	—	—
Stormwater Management Fund	91	85	57	6	7.1
Bond Redemption & Interest Fund	—	—	—	—	—
Retirement Fund	—	—	—	—	—
Reserve Claim Fund	—	—	—	—	—
GRAND TOTAL	1,953	1,967	1,932	(14)	(0.7)

ALL FUNDS

SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b) 2020 BUDGETED, 2019 ESTIMATED, AND 2018 ACTUAL

(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	TOTAL
2020 BUDGETED								
Net Assets Appropriable	\$ 137,741.2	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ 87,319.0	\$ 225,460.3	\$ 33,695.0	\$ (90,654.8)
Net Assets Appropriated	\$ 32,827.7	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ 87,319.0	\$ 225,460.3	\$ 33,695.0	\$ (195,568.3)
Revenue	354,145.0	867,760.8	7,120.0	47,698.4	—	7,561.6	700.0	1,284,985.8
Appropriation	\$ 386,972.7	\$ 214,406.5	\$ 17,044.4	\$ 116,258.0	\$ 87,319.0	\$ 233,021.9	\$ 34,395.0	\$ 1,089,417.5
2019 ESTIMATED								
Beginning Net Assets Appropriable as adjusted (c)	\$ 131,481.8	\$ (636,126.1)	\$ 14,578.6	\$ 59,291.7	\$ 87,281.0	\$ 229,469.6	\$ 31,140.8	\$ (82,882.6)
Revenue (a)	354,945.3	68,684.0	7,647.0	52,009.5	—	8,887.9	680.4	\$ 492,854.1
Adjustment for 2017 receipts	6,988.3	—	(554.6)	434.7	—	—	—	\$ 6,868.4
Expenditures	(355,674.3)	(85,912.2)	(11,746.6)	(43,176.3)	(87,281.0)	(238,357.5)	(5,400.0)	\$ (827,547.9)
Ending Net Assets Appropriable	\$ 137,741.2	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ —	\$ —	\$ 26,421.2	\$ (410,707.9)
2018 ACTUAL								
Beginning Net Assets Appropriable as adjusted (c)	\$ 140,974.1	\$ (615,827.5)	\$ 18,526.9	\$ 36,706.1	\$ 89,604.0	\$ 248,026.5	\$ 30,350.0	\$ (51,639.9)
Revenue	339,004.5	107,119.5	11,079.1	40,303.9	—	8,277.6	465.5	\$ 506,250.1
Expenditures	(348,496.7)	(127,418.2)	(15,027.4)	(17,718.3)	(89,604.0)	(256,304.2)	(5,497.1)	(860,065.9)
Ending Net Assets Appropriable	\$ 131,481.8	\$ (636,126.1)	\$ 14,578.6	\$ 59,291.7	\$ —	\$ —	\$ 25,318.4	\$ (405,455.6)
Adjusted NAA 1/1/2019	\$ 138,470.1		\$ 14,024.0	\$ 59,726.4				
Adjustment (a)	\$ 6,988.3		\$ (554.6)	\$ 434.7				

(a) Adjustment to NAA required due to current 2019 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 01/01/2019 for the Corporate (pages 87-88), Construction (pages 95-96), and Stormwater Management (pages 99-100) Funds. The adjustment is reflected in the 2019 revenues.

(b) This statement is a summary presentation of pages 76-78, separating current revenue and NAA from the revenue category.

(c) Ending NAA for one year are revised for accounting adjustments, equity transfers, and changes in the amount of designations to establish beginning net assets for the next year.

(d) Revenue for the Retirement, Bond Redemption & Interest Funds, and Retirement Funds does not include the current year tax levies, which are reflected in the next year's NAA.

ALL FUNDS
SUMMARY OF REVENUE AND EXPENDITURES
2020 BUDGETED
(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
REVENUE								
Net Assets Appropriable	\$ 137,741.2	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ 87,319.0	\$ 225,460.3	\$ 33,695.0	\$ (90,654.8)
Budget Reserve	(104,913.5)	—	—	—	—	—	—	(104,913.5)
Net Property Taxes	257,129.4	—	6,755.0	51,073.6	—	—	—	314,958.0
Personal Property Replacement Tax	19,000.0	—	—	—	—	—	—	19,000.0
Working Cash Borrowings Adjustment	(4,929.4)	—	(55.0)	(773.6)	—	—	—	(5,758.0)
Bond Sales (Present & Future)	—	774,388.8	—	—	—	—	—	774,388.8
Grants (Federal & State)	—	14,472.0	—	1,360.0	—	—	—	15,832.0
Investment Income	2,100.0	6,900.0	400.0	1,000.0	—	1,600.0	700.0	12,700.0
State Revolving Fund Loans	—	70,000.0	—	—	—	—	—	70,000.0
Property & Services	23,000.0	—	—	1,000.0	—	—	—	24,000.0
User Charge	43,000.0	—	—	—	—	—	—	43,000.0
TIF Differential Fee & Impact Fee	8,225.0	—	—	—	—	—	—	8,225.0
Equity Transfer	—	—	—	(5,961.6)	—	5,961.6	—	—
Resource Recovery	600.0	—	—	—	—	—	—	600.0
Miscellaneous	6,020.0	2,000.0	20.0	—	—	—	—	8,040.0
TOTAL REVENUE	\$ 386,972.7	\$ 214,406.5	\$ 17,044.4	\$ 116,258.0	\$ 87,319.0	\$ 233,021.9	\$ 34,395.0	\$ 1,089,417.5
EXPENDITURES								
Board of Commissioners	\$ 5,242.2	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,242.2
General Administration	21,505.2	—	—	—	—	—	—	21,505.2
Monitoring & Research	31,546.7	—	—	—	—	—	—	31,546.7
Procurement & Materials Mgmt.	9,884.7	—	—	—	—	—	—	9,884.7
Human Resources	61,329.2	—	—	—	—	—	—	61,329.2
Information Technology	18,353.5	—	—	—	—	—	—	18,353.5
Law	7,234.1	—	—	—	—	—	—	7,234.1
Finance	3,834.4	—	—	—	—	—	—	3,834.4
Engineering	25,452.9	214,406.5	17,044.4	—	—	—	—	256,903.8
Maintenance & Operations	202,589.8	—	—	—	—	—	—	202,589.8
Stormwater Management Fund	—	—	—	116,258.0	—	—	—	116,258.0
Retirement Fund	—	—	—	—	87,319.0	—	—	87,319.0
Bond Redemption & Interest Fund	—	—	—	—	—	233,021.9	—	233,021.9
Reserve Claim Fund	—	—	—	—	—	—	34,395.0	34,395.0
TOTAL EXPENDITURES	\$ 386,972.7	\$ 214,406.5	\$ 17,044.4	\$ 116,258.0	\$ 87,319.0	\$ 233,021.9	\$ 34,395.0	\$ 1,089,417.5

* The Capital Improvements Bond Fund is budgeted on an "obligation" basis, which records expenditures in the period in which the contracts or grants are awarded.

ALL FUNDS
SUMMARY OF REVENUE AND EXPENDITURES
2019 ESTIMATED
(In Thousands)

	FUND								
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL	
REVENUE									
Net Assets Appropriable	\$ 131,481.8	\$ (636,126.1)	\$ 14,578.6	\$ 59,291.7	\$ 87,281.0	\$ 229,469.6	\$ 31,140.8	\$ (82,882.6)	
Adjustment for Receipts	6,988.3	—	(554.6)	434.7	—	—	—	6,868.4	
Net Property Taxes	245,664.0	—	7,334.0	51,073.6	—	—	—	304,071.6	
Personal Property Replacement Tax	15,000.0	—	—	—	—	—	—	15,000.0	
Working Cash Borrowings Adjustment	(4,564.0)	—	(134.0)	(773.6)	—	—	—	(5,471.6)	
Bond Sales (Present & Future)	—	—	—	—	—	—	—	—	
Grants (Federal & State)	—	14,177.0	—	5,316.4	—	—	—	19,493.4	
Investment Income	3,337.0	6,707.0	427.0	1,265.0	—	3,116.0	680.4	15,532.4	
State Revolving Fund Loans	—	50,000.0	—	—	—	—	—	50,000.0	
Property & Services	26,073.3	—	—	900.0	—	—	—	26,973.3	
User Charge	47,000.0	—	—	—	—	—	—	47,000.0	
TIF Differential Fee & Impact Fee	10,650.0	—	—	—	—	—	—	10,650.0	
Equity Transfer	4,200.0	(4,200.0)	—	(5,771.9)	—	5,771.9	—	—	
Miscellaneous	7,585.0	2,000.0	20.0	—	—	—	—	9,605.0	
TOTAL REVENUE	\$ 493,415.4	\$ (567,442.1)	\$ 21,671.0	\$ 111,735.9	\$ 87,281.0	\$ 238,357.5	\$ 31,821.2	\$ 416,839.9	
EXPENDITURES									
Board of Commissioners	\$ 4,745.5	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,745.5	
General Administration	17,083.9	—	—	—	—	—	—	17,083.9	
Monitoring & Research	29,731.7	—	—	—	—	—	—	29,731.7	
Procurement & Materials Mgmt.	9,241.2	—	—	—	—	—	—	9,241.2	
Human Resources	56,310.8	—	—	—	—	—	—	56,310.8	
Information Technology	15,156.6	—	—	—	—	—	—	15,156.6	
Law	6,110.2	—	—	—	—	—	—	6,110.2	
Finance	3,627.6	—	—	—	—	—	—	3,627.6	
Engineering	24,073.9	85,912.2	11,746.6	—	—	—	—	121,732.7	
Maintenance & Operations	189,592.9	—	—	—	—	—	—	189,592.9	
Stormwater Management Fund	—	—	—	43,176.3	—	—	—	43,176.3	
Retirement Fund	—	—	—	—	87,281.0	—	—	87,281.0	
Bond Redemption & Interest Fund	—	—	—	—	—	238,357.5	—	238,357.5	
Reserve Claim Fund	—	—	—	—	—	—	5,400.0	5,400.0	
TOTAL EXPENDITURES	\$ 355,674.3	\$ 85,912.2	\$ 11,746.6	\$ 43,176.3	\$ 87,281.0	\$ 238,357.5	\$ 5,400.0	\$ 827,547.9	

* The Capital Improvements Bond Fund is budgeted on an "obligation" basis, which records expenditures in the period in which the contracts or grants are awarded.

**STATEMENT OF PERSONAL PROPERTY REPLACEMENT TAXES
RECEIVABLE FOR 2020 AND PRIOR YEARS AT JANUARY 1, 2020
INCLUDING THE ESTIMATED COLLECTIONS FOR THE YEAR 2020**

LEVY YEAR	FUND	BUDGETED RECEIVABLE	ACTUAL/ESTIMATED COLLECTED THROUGH 2019	CASH ESTIMATED IN 2020
2020	Corporate	\$ 19,000,000	\$ —	\$ —
	Retirement	18,427,400	—	—
	Construction	—	—	—
	Total	\$ 37,427,400	\$ —	\$ —
2019	Corporate	\$ 15,000,000	\$ —	\$ 15,000,000
	Retirement	18,258,400	—	18,258,400
	Construction	—	—	—
	Total	\$ 33,258,400	\$ —	\$ 33,258,400
2018	Corporate	\$ 19,849,500	\$ 26,759,100	\$ —
	Retirement	18,250,500	18,250,500	—
	Construction	—	—	—
	Total	\$ 38,100,000	\$ 45,009,600	\$ —
2017	Corporate	\$ 18,164,000	\$ 17,970,367	\$ —
	Retirement	18,736,200	18,736,200	—
	Construction	—	—	—
	Total	\$ 36,900,200	\$ 36,706,567	\$ —
2016	Corporate	\$ 24,676,000	\$ 23,751,730	\$ —
	Retirement	16,624,500	16,624,500	—
	Construction	1,100,000	—	—
	Total	\$ 42,400,500	\$ 40,376,230	\$ —
2015	Corporate	\$ 23,101,600	\$ 23,435,980	\$ —
	Retirement	14,798,400	14,798,400	—
	Construction	—	—	—
	Total	\$ 37,900,000	\$ 38,234,380	\$ —

NOTE: Personal Property Replacement Taxes are recorded as collected against the prior year's tax estimate. For example, collections in 2019 will be recorded against the 2018 budgeted receivable.

**CORPORATE FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019**

		ASSETS			
		2020		2019	
		AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS					
Cash & Investments		\$ 102,746,025	\$ 102,746,025	\$ 110,213,700	\$ 110,213,700
Taxes Receivable		245,664,007	246,790,827	232,049,497	232,815,081
Replacement Tax		15,000,000	15,000,000	15,849,500	15,849,500
Total Current Assets		\$ 363,410,032	\$ 364,536,852	\$ 358,112,697	\$ 358,878,281
		LIABILITIES & FUND EQUITY			
CURRENT LIABILITIES					
Unpaid Bills:					
Accrued Salaries & Wages		\$ 3,820,000	\$ 3,820,000	\$ 3,685,000	\$ 3,685,000
Personal Services - Other		3,160,000	3,160,000	2,700,000	2,700,000
Payroll Withholding & Miscellaneous		2,100,000	2,100,000	2,000,000	2,000,000
Contractual Services		27,715,678	27,715,678	28,983,016	28,983,016
Due to Corporate Working Cash Fund		190,000,000	190,000,000	190,000,000	190,000,000
Total Current Liabilities		\$ 226,795,678	\$ 226,795,678	\$ 227,368,016	\$ 227,368,016
Total Liabilities			\$ 226,795,678		\$ 227,368,016
ASSETS APPROPRIABLE FOR 2020 & 2019					
Net Assets Appropriable			\$ 137,741,174		\$ 131,510,265
Budget Reserve			\$ (104,913,474)		\$ (99,393,765)
Net Assets Appropriated			\$ 32,827,700		\$ 32,116,500
Estimated Revenue			\$ 354,145,000		\$ 345,496,000
Total Assets Appropriable			\$ 386,972,700		\$ 377,612,500
FUND EQUITY					
Undesignated		\$ 136,614,354		\$ 130,744,681	
Total Fund Equity		\$ 136,614,354		\$ 130,744,681	
Total Liabilities & Fund Equity		\$ 363,410,032		\$ 358,112,697	

CORPORATE FUND
APPROPRIABLE REVENUE
2020 - 2017

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2020 BUDGET	2019 ADJUSTED	2019 BUDGET	2018	2017
Revenue from Property Taxes					
Gross Tax Levy	\$ 266,455,300	\$ 254,574,100	\$ 254,574,100	\$ 241,153,834	\$ 224,824,731
Less Allowance for Uncollectible Taxes	(9,325,936)	(8,910,093.5)	(8,910,093.5)	(8,440,384)	(7,868,866)
Net Property Taxes	\$ 257,129,364	\$ 245,664,007	\$ 245,664,007	\$ 232,713,450	\$ 216,955,865
Revenue from Personal Property					
Replacement Tax	\$ 19,000,000	\$ 15,000,000	\$ 15,000,000	\$ 19,849,500	\$ 18,164,000
Net Tax Sources	\$ 276,129,364	\$ 260,664,007	\$ 260,664,007	\$ 252,562,950	\$ 235,119,865
Adjustment to match working cash borrowings	(4,929,365)	(4,564,007)	(4,564,007)	(4,562,950)	(4,319,865)
Working Cash Financing at 95% of Gross Tax Sources	\$ 271,200,000	\$ 256,100,000	\$ 256,100,000	\$ 248,000,000	\$ 230,800,000
Investment Income	\$ 2,100,000	\$ 3,337,000	\$ 2,600,000	\$ 3,033,675	\$ 1,523,399
Land Rentals	23,000,000	23,000,000	21,500,000	23,036,179	20,628,245
Sewer Permit Fees	—	—	—	1,064,300	1,100,992
Sewer Service Agreement Revenue	1,750,000	2,900,000	1,500,000	1,448,371	2,286,078
User Charge	43,000,000	47,000,000	46,000,000	41,301,817	53,252,035
Resource Recovery	600,000	625,000	600,000	559,373	295,602
Lockport Electrical Energy Generation	1,200,000	1,200,000	1,200,000	1,386,344	1,323,132
Miscellaneous (details below)	11,295,000	16,583,329	11,796,000	15,639,376	15,620,329
Subtotal	\$ 82,945,000	\$ 94,645,329	\$ 85,196,000	\$ 87,469,435	\$ 96,029,812
Adjustment to Net Assets Available for Projected Receipts	—	6,988,325	—	(105,600)	7,254,500
Equity Transfer	—	4,200,000	4,200,000	4,200,000	6,000,000
GRAND TOTAL	\$ 354,145,000	\$ 361,933,654	\$ 345,496,000	\$ 339,563,835	\$ 340,084,312
<hr/>					
TIF Surplus Distribution	\$ 8,000,000	\$ 10,425,000	\$ 9,500,000	\$ 10,711,878	\$ 11,811,280
TIF Differential Fee	225,000	225,000	225,000	225,000	225,000
Land Sales	—	3,073,329	—	—	50,200
Claims & Damage Settlements	—	10,000	—	178,781	213,158
Scrap Sales	50,000	75,000	50,000	118,865	116,041
Sales of Automobiles	20,000	27,000	18,000	29,262	42,440
Interest on Taxes - Cook County Treasurer	—	48,000	3,000	34,321	10,265
Other	3,000,000	2,700,000	2,000,000	4,341,269	3,151,945
Total	\$ 11,295,000	\$ 16,583,329	\$ 11,796,000	\$ 15,639,376	\$ 15,620,329

CAPITAL IMPROVEMENTS BOND FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019

		ASSETS			
		2020		2019	
		AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS					
Cash & Investments		\$ 251,316,000	\$ 251,316,000	\$ 232,000,000	\$ 232,000,000
Grants Receivable		14,472,000	14,472,000	1,000,000	1,000,000
State Revolving Fund Loans Receivable		70,000,000	70,000,000	120,000,000	120,000,000
Total Current Assets		<u>\$ 335,788,000</u>	<u>\$ 335,788,000</u>	<u>\$ 353,000,000</u>	<u>\$ 353,000,000</u>
		LIABILITIES & FUND EQUITY			
CURRENT LIABILITIES					
Unpaid Bills:					
Contractual Services		\$ 53,000,000	\$ 53,000,000	\$ 74,000,000	\$ 74,000,000
Contracts Payable		936,142,338	936,142,338	888,357,685	888,357,685
Total Current Liabilities		<u>\$ 989,142,338</u>	<u>\$ 989,142,338</u>	<u>\$ 962,357,685</u>	<u>\$ 962,357,685</u>
Designated for Future Claims Liabilities		—	—	—	—
Total Liabilities		<u>\$ 989,142,338</u>	<u>\$ 989,142,338</u>	<u>\$ 962,357,685</u>	<u>\$ 962,357,685</u>
ASSETS APPROPRIABLE					
Net Assets Appropriable			<u>\$ (653,354,338)</u>		<u>\$ (609,357,685)</u>
Net Assets Appropriated			(653,354,338)		(609,357,685)
Estimated Revenue			867,760,838		987,531,485
Total Assets Appropriable			<u>\$ 214,406,500</u>		<u>\$ 378,173,800</u>
FUND EQUITY		\$ (653,354,338)		\$ (609,357,685)	
Total Liabilities & Fund Equity		<u>\$ 335,788,000</u>		<u>\$ 353,000,000</u>	

CAPITAL IMPROVEMENTS BOND FUND
APPROPRIABLE REVENUE
2020 - 2017

REVENUE DESCRIPTION	ESTIMATED		ACTUAL		
	2020 BUDGET	2019 ADJUSTED	2019 BUDGET	2018	2017
Revenue from Money & Property					
Bond Sales (Present & Future)	\$ 774,388,838	\$ —	\$ 850,664,185	\$ —	\$ —
Investment Income	6,900,000	6,707,000	7,800,000	5,647,153	3,938,820
Subtotal	\$ 781,288,838	\$ 6,707,000	\$ 858,464,185	\$ 5,647,153	\$ 3,938,820
Revenue from Miscellaneous Sources					
Federal & State Grants	\$ 14,472,000	\$ 14,177,000	\$ 11,267,300	\$ 15,304,009	\$ 16,137,198
State Revolving Fund Loans	70,000,000	50,000,000	120,000,000	87,614,400	168,986,700
Miscellaneous	2,000,000	2,000,000	2,000,000	2,753,981	2,179,586
Subtotal	\$ 86,472,000	\$ 66,177,000	\$ 133,267,300	\$ 105,672,391	\$ 187,303,484
Total Revenue	\$ 867,760,838	\$ 72,884,000	\$ 991,731,485	\$ 111,319,543	\$ 191,242,304
Other Financing Sources (Uses)					
Equity Transfer	\$ —	\$ (4,200,000)	\$ (4,200,000)	\$ (4,200,000)	\$ (13,000,000)
GRAND TOTAL	\$ 867,760,838	\$ 68,684,000	\$ 987,531,485	\$ 107,119,543	\$ 178,242,304

CONSTRUCTION FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019

		ASSETS			
		2020		2019	
CURRENT ASSETS		AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
Cash & Investments		\$ 15,501,000	\$ 15,501,000	\$ 13,650,000	\$ 13,650,000
Taxes Receivable		7,334,000	7,262,400	11,290,500	11,322,000
Replacement Tax		—	—	—	—
Total Current Assets		\$ 22,835,000	\$ 22,763,400	\$ 24,940,500	\$ 24,972,000
		LIABILITIES & FUND EQUITY			
CURRENT LIABILITIES					
Unpaid Bills:					
Contracts Payable		\$ 1,250,000	\$ 1,250,000	\$ 2,075,700	\$ 2,075,700
Contractual Services		489,000	489,000	276,000	276,000
Due to:					
Construction Working Cash Fund		11,100,000	11,100,000	12,000,000	12,000,000
Total Current Liabilities		\$ 12,839,000	\$ 12,839,000	\$ 14,351,700	\$ 14,351,700
Total Current Liabilities and Designations			\$ 12,839,000		\$ 14,351,700
ASSETS APPROPRIABLE FOR 2020 AND 2019					
Net Assets Appropriable		\$ 9,924,400		\$ 10,620,300	
Net Assets Appropriated		\$ 9,924,400		\$ 10,620,300	
Estimated Revenue		7,120,000		7,720,000	
Total Assets Appropriable		\$ 17,044,400		\$ 18,340,300	
FUND EQUITY					
Designated for Future Claims Liabilities		—		—	
Undesignated		\$ 9,996,000		\$ 10,588,800	
Total Fund Equity		\$ 9,996,000		\$ 10,588,800	
Total Liabilities & Fund Equity		\$ 22,835,000		\$ 24,940,500	

RESERVE CLAIM FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019

	ASSETS			
	2020		2019	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 26,700,000	\$ 26,700,000	\$ 25,724,293	\$ 25,724,293
Taxes Receivable	7,237,500	7,273,800	5,790,000	5,822,400
Total Current Assets	\$ 33,937,500	\$ 33,973,800	\$ 31,514,293	\$ 31,546,693
	LIABILITIES & FUND EQUITY			
ACCOUNTS PAYABLE & OTHER LIABILITIES	\$ 278,800	\$ 278,800	\$ 378,893	\$ 378,893
ASSETS APPROPRIABLE FOR 2020 AND 2019				
Net Assets Appropriable		\$ 33,695,000		\$ 31,167,800
Equity Transfer to Bond and Interest Fund		—		—
Estimated Revenue		700,000		600,000
Total Assets Appropriable		\$ 34,395,000		\$ 31,767,800
FUND EQUITY	\$ 33,658,700		\$ 31,135,400	
Total Liabilities & Fund Equity	\$ 33,937,500		\$ 31,514,293	

RESERVE CLAIM FUND
APPROPRIABLE REVENUE
2020 - 2017

REVENUE DESCRIPTION	ESTIMATED		ACTUAL		
	2020 BUDGET	2019 ADJUSTED	2019 BUDGET	2018	2017
Revenue from Taxes					
Real Estate - Current	\$ 7,312,500	\$ 5,850,000	\$ 5,850,000	\$ 5,752,500	\$ 5,655,000
Real Estate - Prior	(38,700)	(27,600)	(27,600)	(21,784)	(28,177)
Replacement Tax	—	—	—	—	—
SUBTOTAL	\$ 7,273,800	\$ 5,822,400	\$ 5,822,400	\$ 5,730,716	\$ 5,626,823
Investment Income & Miscellaneous	700,000	680,352	600,000	465,514	309,988
GRAND TOTAL	\$ 7,973,800	\$ 6,502,752	\$ 6,422,400	\$ 6,196,230	\$ 5,936,811

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP17	Senior Environmental Research Scientist	3	3		2	
HP15	Environmental Research Scientist	3	3		1	
HP13	Senior Environmental Research Technician	1	1		—	
HP11	Environmental Research Technician	6	7		—	
HP10	Laboratory Technician I	1	—		—	
TOTAL 122	Wastewater Treatment Operations Support Section (formerly Wastewater Treatment Process Research Section)	15	15	1,341,396	3	382,206
123	Biosolids Section (formerly Biosolids Utilization & Soil Science Section)					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Environmental Soil Scientist	1	2		2	
HP15	Environmental Soil Scientist	3	3		2	
HP15	Environmental Chemist	1	1		—	
HP15	Environmental Chemist #2 (Senior Environmental Research Technician)	—	—		1	
HP11	Environmental Research Technician	5	5		6	
HP09	Laboratory Assistant	1	1		1	
TOTAL 123	Biosolids Section (formerly Biosolids Utilization & Soil Science Section)	12	13	1,209,652	13	1,105,856
124	Microbiology Section (formerly Analytical Microbiology & Biomonitoring Section)					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Environmental Microbiologist	1	1		1	
HP16	Associate Environmental Microbiologist #2 (Environmental Microbiologist) (New Grade HP15)	1	1		1	
HP15	Environmental Microbiologist	1	1		1	
HP13	Senior Laboratory Technician	1	1		1	
HP11	Laboratory Technician II	7	8		7	
HP11	Laboratory Technician II #4	1	—		—	
HP09	Laboratory Assistant	2	2		2	
TOTAL 124	Microbiology Section (formerly Analytical Microbiology & Biomonitoring Section)	15	15	1,186,878	14	1,149,286

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
126	Aquatic Ecology Section (formerly Aquatic Ecology & Water Quality Section)					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Aquatic Biologist	1	1		1	
HP16	Associate Aquatic Biologist #2 (Aquatic Biologist) (New Grade HP15)	2	2		2	
HP15	Aquatic Biologist	1	1		1	
HP14	Assistant Aquatic Biologist #1	1	—		—	
HP13	Senior Environmental Research Technician	1	1		1	
HP11	Environmental Research Technician	5	5		4	
NR6441	Patrol Boat Operator	2	2		2	
NR3642	Pollution Control Technician II	2	2		2	
NR3641	Pollution Control Technician I	4	4		4	
TOTAL 126	Aquatic Ecology Section (formerly Aquatic Ecology & Water Quality Section)	20	19	1,585,238	18	1,545,503
129	Wastewater Capital Planning, Research, and Technology Evaluation Section (formerly Process Facilities Capital Planning Section)					
HP20	Managing Civil Engineer	—	—		1	
HP18	Principal Civil Engineer	1	1		1	
HP18	Principal Environmental Scientist	—	—		2	
HP17	Senior Civil Engineer	2	2		2	
HP17	Senior Electrical Engineer	1	—		—	
HP17	Senior Environmental Research Scientist	2	3		4	
HP17	Senior Mechanical Engineer	2	1		1	
HP15	Associate Civil Engineer	2	1		1	
HP15	Associate Electrical Engineer	2	—		—	
HP15	Associate Mechanical Engineer	2	1		1	
HP15	Environmental Research Scientist	2	2		3	
HP13	Senior Environmental Research Technician	—	—		2	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP10	Laboratory Technician I	1	—		—	
HP09	Laboratory Assistant	2	2		2	
TOTAL 166	Egan Analytical Laboratory Section	21	19	1,562,844	19	1,593,078
167	Calumet Analytical Laboratory Section					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	4	3		3	
HP13	Senior Laboratory Technician	2	2		2	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP11	Laboratory Technician II	7	8		8	
HP09	Laboratory Assistant	2	2		2	
TOTAL 167	Calumet Analytical Laboratory Section	19	19	1,592,335	19	1,635,760
TOTAL 160	Analytical Laboratories Division	109	104	9,107,614	103	9,248,695
190	Industrial Waste Division					
191	Industrial Waste Administrative Section					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 191	Industrial Waste Administrative Section	2	2	307,165	2	252,358
192	Technical Services Section					
HP18	Supervising Environmental Specialist	—	1		1	
HP17	Senior Environmental Specialist	1	1		1	
HP15	Environmental Specialist	2	2		5	
HP11	Administrative Specialist	—	—	—	1	
NR3642	Pollution Control Technician II	—	—	—	2	
TOTAL 192	Technical Services Section	3	4	454,429	10	1,023,545
193	Pretreatment & Cost Recovery Section					
HP18	Supervising Environmental Specialist	2	2		2	
HP17	Senior Civil Engineer	1	1		1	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP17	Senior Environmental Specialist	3	3		3	
HP15	Associate Civil Engineer	7	7		7	
HP15	Associate Mechanical Engineer #2 (Associate Civil Engineer)	1	1		1	
HP15	Environmental Specialist	16	16		16	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	—		—	
HP11	Administrative Specialist	2	3		2	
HP09	Administrative Clerk	2	2		2	
TOTAL 193	Pretreatment & Cost Recovery Section	35	35	3,636,667	34	3,663,830
194	Field Services Section					
HP18	Supervising Environmental Specialist	1	1		2	
HP17	Senior Environmental Specialist	5	5		4	
HP15	Environmental Specialist	29	29		26	
HP13	Senior Administrative Specialist	1	1		1	
HP11	Administrative Specialist	1	1		1	
NR3642	Pollution Control Technician II	2	2		—	
NR3641	Pollution Control Technician I	21	21		20	
TOTAL 194	Field Services Section	60	60	5,528,040	54	5,053,390
TOTAL 190	Industrial Waste Division	100	101	9,926,302	100	9,993,123
TOTAL	Monitoring & Research	307	300	28,470,536	294	28,378,895
NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.						

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
270	Executive Division					
271	Executive Section					
EX17	Director of Information Technology	1	1		1	
EX06	Secretary to Officer	1	1		1	
HP16	Senior Budget & Management Analyst	—	—		1	
TOTAL 271	Executive Section	2	2	346,584	3	445,265
275	Project Management Office Section					
HP19	Project Management Office Manager	1	1		1	
HP18	Senior Project Manager	—	1		1	
HP16	Applications Administrator	1	—		—	
HP16	Applications Administrator #2 (Project Manager)	—	1		1	
HP16	Project Manager	—	2		1	
HP16	Senior Business Analyst	1	—		—	
HP14	Business Analyst	1	1		1	
TOTAL 275	Project Management Office Section	4	6	665,579	5	589,338
TOTAL 270	Executive Division	6	8	1,012,163	8	1,034,603
280	Enterprise Infrastructure Division - MOB					
281	Enterprise Infrastructure Administration Section - MOB					
HP20	Assistant Director of Information Technology	1	1		2	
HP19	Information Technology Manager	2	3		2	
HP11	Administrative Specialist	1	1		1	
TOTAL 281	Enterprise Infrastructure Administration Section - MOB	4	5	664,987	5	689,419
282	Network Management Unit - MOB					
HP18	Senior Systems Administrator	1	1		1	
HP18	Senior Systems Administrator #1	1	1		1	
HP17	Computer Systems Administrator #2 (Systems Administrator) (New Grade HP16)	3	3		3	
HP17	Senior Systems Programmer #2 (Systems Administrator) (New Grade HP16)	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee On Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
644	Construction Design Unit					
HP18	Principal Engineer	1	1		1	
TOTAL 644	Construction Design Unit	1	1	159,047	1	159,047
TOTAL 640	Technical Administration Section	8	8	1,100,573	8	1,072,206
650	Solids Management Section					
651	Solids Administration Unit					
HP20	Managing Engineer	1	1		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
TOTAL 651	Solids Administration Unit	2	2	270,789	2	279,322
652	Solids Field Operations Unit					
HP18	Principal Engineer	1	1		1	
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer	—	1		1	
HP14	Engineering Technician V	3	3		4	
HP14	Engineering Technician V #4	2	2		1	
HP12	Engineering Technician IV	3	3		3	
HP11	Engineering Technician III	1	1		1	
TOTAL 652	Solids Field Operations Unit	11	12	1,246,412	12	1,233,419
653	Solids Operations Administration Unit					
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		—	
HP12	Engineering Technician IV #4	1	1		1	
NR8651	Maintenance Laborer Class A	—	1		1	
NR8652	Maintenance Laborer Class B	1	—		—	
NR8652	Maintenance Laborer Class B #1	—	1		—	
TOTAL 653	Solids Operations Administration Unit	4	5	493,447	3	318,733
654	Fulton County Field Operations Unit					
HP12	Agricultural Technician II	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee On Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
724	Maintenance Unit					
HP19	Master Mechanic II	1	—		—	
HP19	Master Mechanic	—	1		1	
HP18	Principal Electrical Engineer	—	—		1	
HP17	Assistant Master Mechanic	4	4		4	
HP17	Senior Electrical Engineer	2	2		1	
HP15	Associate Civil Engineer #2 (Engineering Technician IV) (New Grade HP12)	—	—		1	
HP15	Associate Process Control Engineer	—	1		1	
HP14	Assistant Electrical Engineer	1	1		1	
HP12	Engineering Technician IV	—	1		—	
HP11	Administrative Specialist	1	1		1	
TOTAL 724	Maintenance Unit	9	11	1,347,462	11	1,393,656
760	Area Maintenance Section					
764	Area Maintenance Unit					
PR5933	Architectural Ironworker	2	2		2	
PR5353	Bricklayer	1	1		1	
PR5153	Carpenter	2	2		2	
PR7425	Electrical Instrument & Testing Mechanic Foreman	1	1		1	
PR7424	Electrical Instrument & Testing Mechanic Leadman	1	1		1	
PR7423	Electrical Instrument & Testing Mechanic	12	12		12	
PR7347	Electrical Mechanic Foreman	1	1		1	
PR7349	Electrical Mechanic Sub-Foreman	1	1		1	
PR7343	Electrical Mechanic	13	14		14	
PR6453	Hoisting Engineer	1	1		1	
PR7579	Machinist Foreman	1	1		1	
PR7575	Machinist Leadman	1	1		1	
PR7573	Machinist	16	16		16	
PR5553	Painter	2	2		2	

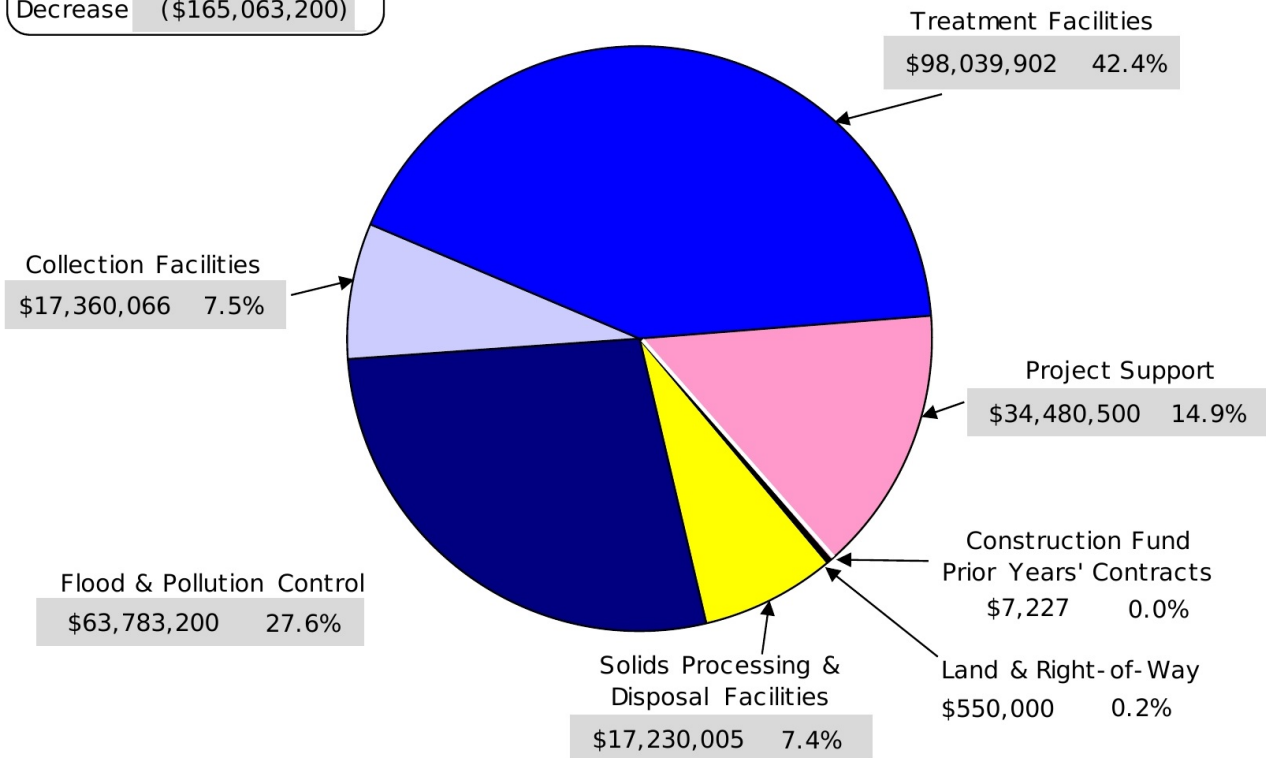
Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee On Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
PR5153	Carpenter	2	2		2	
PR7425	Electrical Instrument & Testing Mechanic Foreman	1	1		1	
PR7423	Electrical Instrument & Testing Mechanic	7	7		7	
PR7347	Electrical Mechanic Foreman	1	1		1	
PR7349	Electrical Mechanic Sub-Foreman	1	1		1	
PR7343	Electrical Mechanic	9	10		10	
PR6453	Hoisting Engineer	3	3		3	
PR7579	Machinist Foreman	1	1		1	
PR7573	Machinist	10	10		10	
PR5553	Painter	2	2		2	
PR7779	Pipefitter Foreman	1	1		1	
PR7773	Pipefitter	9	9		9	
PR5753	Plumber	2	2		2	
PR5975	Structural Ironworker Leadman	1	1		1	
PR5973	Structural Ironworker	5	5		5	
PR5973	Structural Ironworker #1	—	—		1	
PR6479	Truck Driver Foreman	1	1		1	
PR6473	Truck Driver	4	4		4	
TOTAL 824	Maintenance Unit	66	68	7,076,768	68	7,167,487
843	Buildings & Grounds Unit					
HP14	Engineering Technician V	—	1		1	
HP12	Engineering Technician IV	2	1		1	
NR8331	Laborer Foreman	2	2		2	
NR8651	Maintenance Laborer Class A	8	8		8	
NR8652	Maintenance Laborer Class B	10	10		10	
TOTAL 843	Buildings & Grounds Unit	22	22	1,552,037	22	1,593,152
TOTAL 820	Plant Engineering & Maintenance Section	103	106	10,350,949	106	10,517,304

Fund: Stormwater Management		POSITION ANALYSIS				
		2018	2019		2020	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
636	Boat Operations Unit					
HP14	Engineering Technician V	1	2		2	
HP14	Engineering Technician V #4	1	—		—	
HP12	Engineering Technician IV	1	2		2	
HP12	Engineering Technician IV #4	1	—		—	
NR8650	Maintenance Laborer Class A Shift	2	2		2	
TOTAL 636	Boat Operations Unit	6	6	529,852	6	542,609
639	Channel Maintenance Unit					
HP15	Associate Civil Engineer	—	—		1	
HP14	Engineering Technician V	1	1		1	
HP14	Engineering Technician V #4	1	1		—	
NR8650	Maintenance Laborer Class A Shift	2	2		2	
TOTAL 639	Channel Maintenance Unit	4	4	394,930	4	373,749
679	Collection System Unit					
NR8331	Laborer Foreman	1	1		1	
NR8650	Maintenance Laborer Class A Shift	4	4		4	
PR6473	Truck Driver	1	1		1	
TOTAL 679	Collection System Unit	6	6	506,750	6	516,339
TOTAL 630	General Division	18	18	1,667,772	18	1,700,947
940	Stickney Service Area General Plant Services Section					
924	Stickney Maintenance Unit					
PR7773	Pipefitter	1	1		1	
TOTAL 924	Stickney Maintenance Unit	1	1	100,880	1	103,168
934	Stickney Mechanical Operations Unit					
NR8650	Maintenance Laborer Class A Shift	4	4		4	

CAPITAL IMPROVEMENT PROGRAM CONSTRUCTION AND CAPITAL IMPROVEMENTS BOND FUNDS

2020	\$231,450,900
2019	\$396,514,100
Decrease	(\$165,063,200)

FUNCTIONS



A comprehensive Capital Improvement Program narrative appears on the following pages. The District utilizes the Construction and Capital Improvements Bond Funds for the Capital Improvement Program. Capital improvements comprise all new facilities and projects that preserve the useful life of District facilities or increase the capacity or efficiency of these facilities. The project support activities of the Construction and Capital Improvements Bond Funds consist of planning, designing, and constructing District infrastructure, acting as a liaison to the United States Environmental Protection Agency and the Illinois Environmental Protection Agency, and pursuing funding for capital projects from the Army Corps of Engineers.

Budget Highlights

The 2020 appropriation for the Capital Improvement Program (Construction and Capital Improvements Bond Funds) is \$231,450,900, a decrease of \$165,063,200, or 41.6 percent, from 2019. The decrease is due to the timing of projects scheduled for award in 2020. A total of 110 projects funded by the Construction or Capital Improvements Bond Funds will be under planning, design, or construction in 2020. There is one channel improvement project planned for award in 2020 under the Stormwater Management Capital Improvements Bond Fund Program. There are no staff positions budgeted in the Construction and Capital Improvements Bond Funds.

Construction Fund Program

Projects Under Construction						
Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Duration (days)	Est. Award Date	
HVAC Improvements, Various Locations	18-611-23	\$ 1,851	\$ 270	540	Oct 2018	
Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations	18-610-21	867	24	731	Nov 2018	
Roof Restoration, Lockport Powerhouse	19-612-22	452	452	301	Jul 2019	
Furnish, Deliver, and Install Four Sacrificial Deep Anode Ground Beds for the Cathodic Protection System, CSA	19-804-21	705	510	395	Aug 2019	
Furnish, Deliver, and Install a Shaftless Screw Conveyor in an Aerated Grit Tank, CWRP	18-802-22	415	374	300	Sep 2019	
Discharge Valve Rehabilitation, Main Sewage Pump No. 5, SWRP	19-905-21	1,088	500	806	Oct 2019	
Rehabilitate Gloria Alitto Majewski Reservoir, KWRP	16-708-21	1,200	1,100	420	Nov 2019	
Railroad Track Improvements, SSA	18-913-21	1,615	1,295	420	Nov 2019	
Furnish and Deliver Excitation Control Equipment, NBPS and RAPS	19-603-21	680	650	406	Nov 2019	
HVAC System Replacements, Various Locations	19-613-21	2,900	1,100	1,136	Nov 2019	
Rehabilitate Main Sewage Pump No. 2 Motor, SWRP	19-925-21	450	400	420	Nov 2019	
Furnish and Deliver One 44" x 80" Engine Lathe, OWRP	19-716-23	170	170	305	Dec 2019	
Furnish, Deliver, and Install an Upgraded Operator for TARP Gate I, OWRP	19-717-22	850	850	378	Dec 2019	
Total Projects Under Construction		\$ 13,243	\$ 7,695			

Awards in 2020

Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Duration (days)	Est. Award Date
Furnish and Deliver HVAC Coils, Various Locations	19-608-22	\$ 78	\$ 78	180	Jan 2020
Rebuild Gatehouses 1 & 2 and the Sludge Concentration Building, OWRP	19-707-22	155	155	305	Mar 2020
Furnish, Deliver, and Install Effluent Pipe Liner, HPWRP	20-701-21	300	300	287	Mar 2020
Furnish, Deliver, and Install Dewatering Screw Conveyor, EWRP	20-702-21	500	250	652	Mar 2020
Advanced Combined Phosphorus and Nitrogen Recovery Pilot, SWRP	20-1XX-21	100	100	213	Jun 2020
Furnish, Deliver, and Install Shaftless Screw Conveyor Systems at the Aerated Grit Facility, CWRP	20-802-21	3,000	1,786	578	Jun 2020
Remove and Replace Two Boilers, MOB	J15090-076	1,200	1,200	122	Jun 2020
Furnish, Deliver, and Install 480V Power Feeds to Aeration Batteries A, B, and C, CWRP	J68823-001.A	250	250	213	Jun 2020
Furnish, Deliver, and Install Automatic Transfer Switches, LWRP	J68823-002.A	250	250	213	Jun 2020
Total 2020 Awards		\$ 5,833	\$ 4,369		
Cumulative Projects Under Construction and 2020 Awards		\$ 19,076	\$ 12,064		

Note: All cost figures are in thousands of dollars.

Capital Improvements Bond Fund Program

Awards in 2020				
Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Odor Control Systems at Two TARP Shafts and Decommissioning the Thornton Transitional Reservoir, CSA	15-266-4H3	\$ 15,366	502	Jan 2020
Sidestream Enhanced Biological Phosphorus Removal Pilot Study, CWRP	18-248-3P	1,600	252	Jan 2020
Drop Shaft 5 Inspection and Rehabilitation, NSA	14-372-3SR	4,000	352	Mar 2020
Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	4,000	659	Mar 2020
Furnish, Deliver, and Install Three Bar Screens, KWRP	18-703-31	1,800	659	Mar 2020
Rehabilitation of Gravity Concentration Tank, CWRP	18-803-32	2,300	666	Mar 2020
Furnish, Deliver, and Install Disc Filters for Filters 3 and 4, HPWRP	19-701-31	1,700	482	Mar 2020
Furnish, Deliver, and Install Coarse Screens, SWRP	20-903-31	6,000	1,390	Mar 2020
Furnish, Deliver, and Install Telemetry Replacement for SCADA Control, Various Locations	17-606-31	545	266	Apr 2020
Phosphorus Removal Liquid Facilities at the Fox River Water Reclamation District	18-IGA-36	9,762	646	Apr 2020
North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	15,590	922	May 2020
A/B and C/D Service Tunnel Rehabilitation - Phase III, SWRP	16-127-3D	17,000	1,047	May 2020
Central Boiler Facility and Electrical Updates, HPWRP	19-542-3M	14,000	652	May 2020
Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP	15-069-3D	10,000	921	Jun 2020
Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA	06-360-3S	7,000	313	Jul 2020
Battery A Final Settling Tanks, Rehabilitation of Concrete and Road Replacement, SWRP	08-174-3D	7,700	322	Jul 2020
Utility Tunnel Cracks and Expansion Joints Rehabilitation, OWRP, KWRP, EWRP, HPWRP	17-843-3D	3,000	682	Jul 2020
Rehabilitation of Elevator Shafts, MSPS	18-142-3H	1,500	322	Jul 2020
Installation of Mechanical Mixers, SWRP	19-157-3P	11,500	424	Jul 2020
McCook Reservoir Stage 2 Rock Wall Stabilization and Instrumentation, SWRP	17-131-4F	17,268	1,230	Aug 2020
Roof Replacement of the Lue-Hing M&R Complex, SWRP	17-135-3V	6,500	493	Sep 2020
Furnish, Deliver, and Install Replacement Gearboxes for SEPA(s) 2 & 5, CWRP	20-801-31	1,200	851	Sep 2020
6th Street Construction and Utility Tunnel Rehabilitation, CWRP	19-257-3D	2,000	322	Dec 2020
Total 2020 Awards		\$ 161,331		

Projects Under Development

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
North Shore 1 Rehabilitation, NSA	10-047-3S	\$ 22,750	1,000	Jan 2021
Waste Activated and Primary Sludge Pump Upgrades, SWRP	20-901-31	1,100	720	Jan 2021
Rehabilitation of Locomotive Terminal Building, SWRP	18-143-3D	2,750	592	Feb 2021
Digester Rehabilitation and Gas Piping Replacement Phase II, SWRP	18-148-3P	11,500	742	Mar 2021
Chemical Phosphorus Removal Facility, CWRP	18-254-3P	14,000	312	Mar 2021
Furnish, Deliver, and Install Elevator Upgrades, NSA	21-701-31	900	660	Mar 2021
Rehabilitation of the Overhead Bridge Crane in the Discharge Valve Chamber, MSPS	21-901-31	1,100	300	May 2021
Lockport Turbine Generator Rehabilitation, SSA	21-601-31	1,100	300	Jul 2021
Final Settling Tank Effluent Conduit Rehabilitation and Ultraviolet Facility Upgrades, OWRP	19-084-3P	2,000	512	Aug 2021
39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	24,700	749	Jan 2022
Gate Control Equipment Upgrade at TARP Control Structures, NSA	06-358-3M	2,200	552	Jan 2022
Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	5,500	462	Jan 2022
Boilers 3-5 and Motor Control Center Replacement, SWRP	19-155-3M	13,000	732	Jan 2022
Digester Rehabilitation, HPWRP	19-541-3P	6,000	572	Jan 2022
TARP Control System Replacement, SSA, CSA, NSA	19-856-3E	25,000	412	Feb 2022
Switchgear and Motor Control Center Replacement, CWRP	19-258-3E	23,000	512	Apr 2022
Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	5,500	462	Nov 2022
Battery D Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-130-3D	3,000	512	Jan 2023
Low Voltage Switchgear Replacement, MSPS	19-154-3E	9,000	512	Jan 2023
Low Voltage Pump and Blower Switchgear and Aerated Grit Motor Control Center Replacement, SWRP	19-156-3E	6,750	552	Jan 2023
Rehabilitation of Pump and Blower House, CWRP	19-255-3D	4,000	562	Jan 2023
Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-3D	3,000	512	Feb 2023
Post-Digestion Dewatering System, CWRP	17-275-3P	15,000	552	Feb 2023
Digester Rehabilitation and Gas Piping Replacement, CWRP	18-253-3P	15,000	842	Feb 2023
Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	5,000	512	Mar 2023
Upgrade Wilmette Lift Station, NSA	19-083-3P	1,500	382	Jun 2023
Southwest Coarse Screen Replacement, SWRP	19-153-3P	15,000	712	Jun 2023
Phosphorus Removal, KWRP	19-375-3P	6,500	512	Jun 2023
Lockport Powerhouse and Waterways Control System Replacement, SSA	19-855-3E	3,000	452	Sep 2023
Decommissioning of Battery B & C Imhoff Tanks and Skimming Tanks 9-16, SWRP	19-152-3P	10,000	572	Jun 2024
Digester Gas Utilization Facilities, SWRP	11-189-3P	60,000	743	Jan 2025
Phosphorus Recovery System, CWRP	12-245-3P	31,000	912	Jan 2025
Phosphorus Removal, EWRP	19-415-3P	30,000	512	Jan 2025
Palos Hills Pumping Station Force Main, CSA	11-242-3S	6,700	632	Mar 2025
Digester Rehabilitation and Gas Piping Replacement Phase II, CWRP	19-256-3P	10,000	732	Apr 2025
Deammonification System, SWRP	13-101-3P	30,000	563	May 2025

Projects Under Development (continued)

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Additional Grit Removal Tank, Chemical Phosphorus Removal Facility, and Construction of New Plant Entrance, LWRP	19-717-3P	\$ 6,000	612	May 2025
Plant Improvements, HPWRP	18-540-3P	20,000	742	Nov 2025
McCook Reservoir Stage 2 Final Reservoir Prep, SSA	17-132-4F	24,796	542	Jul 2028
Total Future Awards		\$ 477,346		
Cumulative 2020 and Future Awards		\$ 638,677		

Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.

Bold type indicates projects to be financed by "Unlimited Tax Bonds."

	Method of Financing			
	State Revolving Fund Loans	General Obligation Bonds	Army Corps of Engineers	Total
Tunnel and Reservoir Plan		\$ 2,200	\$ 42,064	\$ 44,264
Water Reclamation Plant	197,992	149,710	—	347,702
Expansion and Improvements	—	—	—	—
Solids Management	62,500	39,100	—	101,600
Collection Facilities	66,657	75,705	—	142,361
Replacement of Facilities	—	2,750	—	2,750
Other	—	—	—	—
	\$ 327,149	\$ 269,464	\$ 42,064	\$ 638,677

Projects Under Construction

Projects under construction in the Capital Improvements Bond Fund were appropriated in prior years using the full encumbrance (obligation) method of budgetary accounting. The construction contract award amount and the anticipated completion date are provided in this table.

Project Name	Project Number	Est. Construction Cost	Award Date	Est. Substantial Completion Date
Thornton Composite Reservoir Mining, Land, and Corp Costs, CSA	77-235-2F	\$ 52,806	Jun 1998	Dec 2020
McCook Reservoir Stages 1 & 2, SSA	73-161-2H	137,500	May 1999	Dec 2029
150 DT/Day Biosolids Processing Facility, SWRP	01-101-1M	83,123	Jun 2010	Nov 2029
McCook Reservoir Des Plaines Inflow Tunnel, SSA	13-106-4F	107,831	Jun 2016	Feb 2021
Furnish, Deliver, and Install Boiler Controls, SWRP	16-901-31	1,327	Sep 2017	Dec 2021
Installation of Shaftless Screw Conveyors for Aerated Grit Tanks, SWRP	17-902-31	2,595	Dec 2017	Jan 2021
North Branch Dam Removal and River Riparian Connectivity, NSA	16-IGA-22	2,500	Sep 2017	Aug 2022
Switchgear & Motor Control Center Replacement, OWRP	17-080-3E	3,577	Sep 2018	Jul 2020
Structural Rehabilitation and Roofing Replacement at 95th Street Pumping Station, CSA	17-276-3D	4,559	Nov 2018	Nov 2020
Furnish and Install Odor Control System, CWRP, HPWRP, and KWRP	17-844-3P	4,099	Feb 2019	Jun 2020
Energy Efficiency Improvements, SWRP	19-901-31	5,413	Apr 2019	Dec 2020
Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment at Lockport Powerhouse, SSA	15-830-3D	12,075	Jun 2019	Oct 2021
Installation and Removal of Cofferdam at Sluice Gate No. 2, Lockport Powerhouse Controlling Works, SSA	18-607-31	335	Jun 2019	Jun 2020
Phosphorus Removal Struvite Facilities at the Fox River Water Reclamation District	18-IGA-35	2,639	Aug 2019	Dec 2020
Odor Control Facilities at Sludge Concentration, Southwest Coarse Screen, Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3MR	17,250	Sep 2019	Apr 2021
Modifications to TARP Control Structures & Drop Shafts, CSA and SSA	17-842-3H	2,100	Sep 2019	Oct 2020
Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	15,000	Oct 2019	Oct 2021
Digester Sludge Heating System Upgrades and Boiler Removal, CWRP	18-277-3M	28,500	Nov 2019	Sep 2022
Pump Rehabilitation and Diverter Gate Installation, EWRP	16-412-3M	550	Nov 2019	Dec 2020
Rehabilitation of TARP Pumps, MSPS	18-144-3M	20,509	Dec 2019	Mar 2024
Total Projects Under Construction		\$ 504,288		

Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.

Bold type indicates projects to be financed by "Unlimited Tax Bonds."

Stormwater Management Capital Improvements Bond Fund Program

Awards in 2020

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
* Addison Creek Channel Improvements, SWRP	11-187-3F	\$ 21,350	743	Aug 2020
Total 2020 Awards		\$ 21,350		

Method of Financing

Alternate Bonds	Grants	Total
\$ 21,350	\$ —	\$ 21,350

Projects Under Construction

Projects under construction in the Capital Improvements Bond Fund were appropriated in prior years using the full encumbrance (obligation) method of budgetary accounting. The construction contract award amount and the anticipated completion date are provided in this table.

Project Name	Project Number	Est. Construction Cost	Award Date	Est. Substantial Completion Date
* Construction of a Levee along Thorn Creek at Arquilla Park in Glenwood, CSA	15-IGA-14	\$ 3,483	Nov 2016	Jun 2022
Melvina Ditch Reservoir Improvements, SSA	14-263-3F	14,717	Nov 2017	Sep 2020
* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	8,650	Feb 2018	Mar 2020
Acquisition of Flood Prone Properties Franklin Park (32 homes)	16-IGA-13	4,681	Oct 2018	Aug 2020
Addison Creek Reservoir, SSA	11-186-3F	63,280	Jan 2019	Feb 2022
Total Projects Under Construction		\$ 94,811		

*This project is funded by the Capital Improvements Bond Fund and the Stormwater Management Fund.

Refer to Section VI Stormwater Management Fund for more information about the Stormwater Management Capital Improvement Program.

Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.

Stormwater Management Fund Program

Projects Under Construction						
Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Award Date	Est. Substantial Completion Date	
Installation of Green Infrastructure at Chicago Public Schools, Various Locations	15-IGA-20	\$ 16,000	\$ 4,553	Sep 2016	Dec 2022	
* Construction of a Levee along Thorn Creek at Arquilla Park in Glenwood, CSA	15-IGA-14	387	200	Nov 2016	Jun 2022	
Land Acquisition for the Flood Control Project on Midlothian Creek in Robbins, CSA	17-IGA-02	200	200	Dec 2017	Jun 2020	
* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	1,029	126	Feb 2018	Mar 2020	
Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA	14-252-5F	7,629	6,118	Sep 2018	Dec 2020	
Streambank Stabilization Projects for Addison Creek, SSA	14-108-5F	1,546	160	Nov 2018	Apr 2020	
Stormwater Infiltration Through the Establishment of Native Habitat at Three Chicago Parks, Various Locations	18-IGA-04	239	143	Nov 2018	May 2020	
Groveland Avenue Levee Improvements in Riverside, SSA	18-IGA-20	2,506	1,767	Dec 2018	Aug 2022	
Culvert Improvements in Elk Grove Village, NSA	18-IGA-30	1,250	1,250	Mar 2019	Feb 2020	
Pilot Study for Investigating Technology to Address Basement Backups, CSA and SSA	16-IGA-20	400	400	Jun 2019	Dec 2020	
New Storm Sewers and New Storm Sewer Outfall along North Shore Avenue in Lincolnwood, NSA	18-IGA-22	1,392	1,392	Jun 2019	Nov 2020	
University of Illinois at Chicago Green Infrastructure at the Arthington Mall, SSA	18-IGA-18	242	242	Aug 2019	May 2020	
Green Alleys Project in Chicago, CSA	18-IGA-03	197	197	Sep 2019	Jun 2020	
Stormwater Storage Areas in Niles, NSA	18-IGA-31	2,000	1,521	Sep 2019	Feb 2021	
Green Infrastructure Alley Paving Improvements in Cicero, SSA	19-IGA-02	269	269	Sep 2019	May 2020	
Expansion of Existing Detention Basin in Orland Park, CSA	18-IGA-33	558	424	Oct 2019	Aug 2020	
Summit Green Infrastructure Alley Improvements, SSA	19-IGA-06	300	300	Oct 2019	Apr 2020	
Stormwater Storage in Mount Prospect, NSA	18-IGA-25	1,348	1,348	Nov 2019	Jan 2020	
Storm Sewers and Outfall in Forest View, SSA	18-IGA-28	1,000	399	Nov 2019	Jan 2020	
Streambank Stabilization Project along Midlothian Creek in Tinley Park, CSA	19-IGA-21	645	645	Nov 2019	Jan 2023	
Garfield Park Community Eco Orchard in Chicago, SSA	18-IGA-05	500	500	Dec 2019	Jan 2020	
Washington Street Green Infrastructure Parking Lot Improvements in Lansing, CSA	19-IGA-13	250	250	Dec 2019	May 2020	
Green Alley Improvements Project in Oak Park, SSA	19-IGA-14	475	475	Dec 2019	May 2020	
Green Alley Improvements Project in River Grove, SSA	19-IGA-16	385	385	Dec 2019	May 2020	
Total Projects Under Construction		\$ 40,747	\$ 23,264			

Awards in 2020

Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Duration (days)	Est. Award Date
Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA	10-882-BF	\$ 1,568	\$ 811	1,307	Jan 2020
Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA	13-248-5F	11,450	519	621	Jan 2020
Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road, SSA	14-111-5F	5,200	1,120	500	Jan 2020
Winchester Avenue Green Infrastructure Project in Calumet Park, CSA	18-IGA-02	360	360	120	Jan 2020
Storm Sewers Connection to Existing Des Plaines River Outfall in Forest Park, SSA	18-IGA-21	1,106	1,106	330	Jan 2020
Wetland and Park Storage Projects in Winnetka, NSA	18-IGA-24	500	500	365	Jan 2020
Cornell Avenue Green Infrastructure Project in Dolton, CSA	19-IGA-01	250	250	90	Jan 2020
Green Infrastructure in Calumet City, CSA	19-IGA-05	395	395	90	Jan 2020
Public Library Green Parking Lot in Park Ridge, NSA	19-IGA-17	650	650	270	Jan 2020
Flood Control in the vicinity of 131st Street and Cypress Drive in Palos Heights, CSA	14-259-5F	134	134	300	Mar 2020
Lake Catherine Commuter Parking Lot in Palos Heights, CSA	18-IGA-14	184	184	120	Mar 2020
Storm Sewers and Outfall to Flagg Creek in Western Springs, SSA	18-IGA-32	192	192	240	Mar 2020
Barbara Vick Outdoor Classrooms in Chicago, CSA	19-IGA-03	100	100	90	Mar 2020
School District 154 Wolcott School Playground Enhancement in Thornton, CSA	19-IGA-09	144	144	90	Mar 2020
Addison Green Alley in Chicago, SSA	19-IGA-18	150	150	90	Mar 2020
South Laflin Green Alley in Chicago, SSA	19-IGA-19	102	102	90	Mar 2020
South Homan Green Alley in Chicago, SSA	19-IGA-20	155	155	90	Mar 2020
Permeable Pavement and Rain Gardens in Posen, CSA	18-IGA-15	250	250	90	Apr 2020
Evanston/Skokie School District 65 Green Infrastructure At Orrington Elementary School, NSA	19-IGA-07	12	12	90	Apr 2020
Public Works Facility Demonstration Rain Garden in Oak Park, SSA	19-IGA-11	20	20	90	Apr 2020
Flood Control Project on Midlothian Creek in Robbins, CSA	14-253-5F	11,000	265	550	May 2020
Flood Control Project for Deer Creek, CSA	10-884-BF	6,500	2	731	Jun 2020
Culvert Upsizing and Channel Improvements on Boca Rio Ditch in Oak Forest, CSA	18-IGA-26	519	519	214	Jun 2020
Green Streets Project in Ford Heights, CSA	19-IGA-12	357	357	90	Jun 2020
Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, CSA	14-258-5F	9,300	149	365	Jul 2020
Streambank Stabilization Project on Tinley Creek, CSA	19-IGA-22	3,806	366	1,460	Jul 2020
* Addison Creek Channel Improvements, SWRP	11-187-3F	21,350	3,109	731	Aug 2020
Flood Control Project on the West Fork of the North Branch of the Chicago River, NSA	16-IGA-18	6,600	1,860	509	Aug 2020
Flood Control Project on Farmers Creek, NSA	12-056-AF	1,000	200	370	Oct 2020
Total 2020 Awards		\$ 83,354	\$ 13,981		

Projects Under Development

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Flood Control Project in the Worth Woods Subdivision in Worth, CSA	14-256-5F	\$ 2,500	366	Jan 2021
Flood Control Project for the Washington Street Area in Blue Island, CSA	14-260-5F	5,700	730	Jun 2021
Flood Control Project along Plainfield Road in Countryside, La Grange, McCook, and Lyons Township, SSA	14-112-5F	17,000	730	Jul 2021
Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, NSA	14-371-5F	1,800	730	Jul 2021
Flood Control Project on Prairie Creek, NSA	12-056-BF	13,100	1,460	Aug 2021
Flood Control Project on Central Road from Des Plaines River to Greenwood Road, NSA	14-065-5F	12,000	731	Sep 2021
Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, CSA	14-257-5F	3,600	365	Sep 2021
Total Future Awards		\$ 55,700		
Cumulative Projects Under Construction, 2020 Awards, and Future Awards		\$ 179,800		

- * This project is funded by the Capital Improvements Bond Fund and the Stormwater Management Fund.
Refer to Section V Capital Budget for more information about Stormwater Management projects funded by alternative bonds.
Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.

The Stormwater Management local cost-sharing programs for Green Infrastructure projects and stormwater projects, along with flood-prone property acquisitions and projects that are in the preliminary stages of design, will continue to be a priority for the District in addressing flooding due to increased intense rain events that overwhelm current infrastructure throughout Cook County. The table below provides planned expenditures for the fiscal years 2021-2024 not included in the detailed list of Projects Under Development presented above.

2021-2024 Projects Under Development

Projects	2021	2022	2023	2024	Total 2021-2024
Green Infrastructure Projects Intergovernmental Agreements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 20,000
Local Stormwater Projects Intergovernmental Agreements	5,000	5,000	5,000	5,000	20,000
Flood-Prone Property Acquisitions	5,000	5,000	5,000	5,000	20,000
Future Stormwater Projects (projects currently under preliminary design)	—	5,000	5,000	20,000	30,000
Anticipated District Stormwater Projects from Master Planning	—	—	5,000	15,000	20,000
Total	\$ 15,000	\$ 20,000	\$ 25,000	\$ 50,000	\$ 110,000

Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

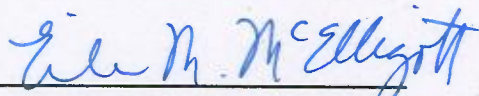
Fund: 101 Department Number: 15000 Department Name: General Administration

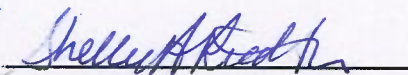
THE FOLLOWING CHANGES ARE RECOMMENDED:

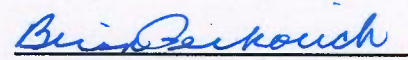
<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
135	612430	Payments for Professional Services		\$324,000		\$524,000		\$200,000	Increase is due to the carryforward of 19-RFP-36, Affirmative Action Disparity Study. The purpose of the study is to determine the continuation of the MWRD Affirmative Action Program in its present form and/or adopt a revised ordinance.

GENERAL ADMINISTRATION BUDGET TOTAL: \$21,305,200 \$21,505,200 \$200,000

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

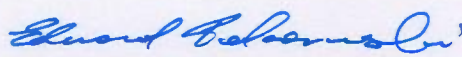
Fund: 101 Department Number: 16000 Department Name: Monitoring & Research

THE FOLLOWING CHANGES ARE RECOMMENDED:

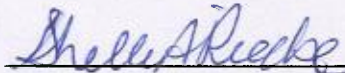
Budget Page	Code	Position Title or Line Item Name	No.	FROM \$ Amount	No.	TO \$ Amount	No.	Plus/(Minus) \$ Amount	Explanation
156	612010	Travel		\$10,500		\$10,000		(\$500)	Decrease is due the initiative to focus on local and in-house training opportunities.
156	612030	Meals and Lodging		\$22,000		\$21,500		(\$500)	Decrease is due the initiative to focus on local and in-house training opportunities.
156	612490	Contractual Services, N.O.C.		\$258,600		\$249,600		(\$9,000)	Decrease is due to the reallocation of funding for cloud-based services to a more appropriate commitment item.
--	612820	Computer Software Maintenance		\$0		\$9,000		\$9,000	Increase is due to the reallocation of funding for cloud-based services to a more appropriate commitment item.
156	623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture		\$20,300		\$19,100		(\$1,200)	Decrease is due to the revised need for office and printing supplies.
156	623570	Laboratory Testing Supplies, Small Equipment, and Chemicals		\$337,100		\$340,300		\$3,200	Increase is due to the revised need for laboratory supplies not covered under the preventive maintenance agreement and supplies required to operate the cyanide channel for the National Pollutant Discharge Elimination System permit.
156	623990	Materials and Supplies, N.O.C.		\$53,200		\$52,200		(\$1,000)	Decrease is due to the revised need for materials and supplies.
159	123	Environmental Research Technician (HP11)	5		6		1		One position was transferred to Section 123.
160	126	Environmental Research Technician (HP11)	5		4		(1)		One position was transferred from Section 126.
163	192	Supervising Environmental Specialist (HP18)	0		1		1		One position was transferred to Section 192.
164	194	Supervising Environmental Specialist (HP18)	3		2		(1)		One position was transferred from Section 194.

MONITORING & RESEARCH BUDGET TOTAL: \$31,546,700 \$31,546,700 \$0

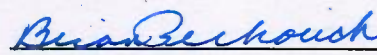
October 2019 (BF-19)



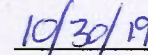
Department Head (Recommended)



Budget Officer (Reviewed)



Executive Director (Approved)



Date



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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1


Fund: 101 Department Number: 20000 Department Name: Procurement & Materials Management


THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
175	645680	Buildings		\$0		\$75,000		\$75,000	Increase is due to the carryforward of 19-089-11, Furnish and Deliver Structural Cantilever Racking, SWRP.

PROCUREMENT & MATERIALS MGMT BUDGET TOTAL: \$9,809,700 \$9,884,700 \$75,000

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1


Fund: 101 Department Number: 25000 Department Name: Human Resources

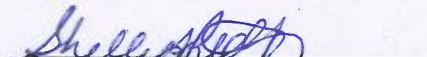
THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
192	601060	Compensation Plan Adjustments		\$287,000		\$257,000		(\$30,000)	Decrease is due to fewer anticipated retirements in the Department.
192	601090	Employee Claims		\$100,000		\$94,100		(\$5,900)	Decrease is due to fewer anticipated employee claims throughout the District.
192	601100	Tuition and Training Payments		\$895,500		\$879,400		(\$16,100)	Decrease is due to the deferral of training for the Human Resources Department (\$10,000), Executive Team training (\$5,000), and the revised estimate for the Harassment Awareness training (\$1,100).
192	612430	Payments for Professional Services		\$1,072,500		\$1,097,500		\$25,000	Increase is due to the revised estimate for safety consultant services required to review the District-wide safety program.
--	612820	Computer Software Maintenance		\$0		\$30,000		\$30,000	Increase is due to the migration to a Mine Safety Appliances cloud-based solution for portable gas meter management.
192	623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture		\$47,500		\$44,500		(\$3,000)	Decrease is due to fewer requests for standing desks throughout the District.

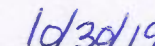
HUMAN RESOURCES BUDGET TOTAL: \$61,329,200 \$61,329,200 \$0


October 2019 (BF-19)


Deputy Superintendent (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)


Date


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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
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Fund: 101 Department Number: 27000

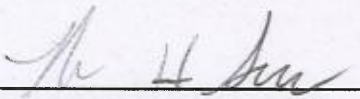
Department Name: Information Technology


THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
205	601010	Salaries of Regular Employees		\$8,430,200		\$8,331,900		(\$98,300)	Decrease is due to the position change detailed below.
205	612330	Rental Charges		\$433,000		\$100,000		(\$333,000)	Decrease is due to the buyout of a lease for multi-functional printing devices.
205	612430	Payments for Professional Services		\$819,800		\$1,118,100		\$298,300	Increase is due to the addition of professional services needed to redesign the District's website.
205	612810	Computer Equipment Maintenance		\$247,500		\$318,500		\$71,000	Increase is due to the need for computer equipment maintenance as a result of the buyout of a lease for multi-functional printing devices.
205	623810	Computer Supplies		\$656,400		\$802,900		\$146,500	Increase is due to the revised need for computer supplies as a result of the buyout of a lease for multi-functional printing devices.
205	634810	Computer Equipment		\$200,000		\$115,500		(\$84,500)	Decrease is due to the revised estimate for computer equipment.
206	275	Project Manager (HP16)	2		1		(1)		One position was dropped in Section 275.

INFORMATION TECHNOLOGY BUDGET TOTAL: \$18,353,500 \$18,353,500 \$0

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 4

Fund: 101 Department Number: 66000

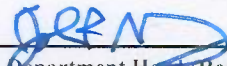
Department Name: Maintenance & Operations - General Division

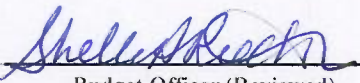
THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
259	601010	Salaries of Regular Employees		\$12,750,300		\$12,631,100		(\$119,200)	Decrease is due to the position change detailed below.
264	653	Associate Civil Engineer (HP15)	1		0		(1)		One position was transferred to Section 724 in the Maintenance & Operations North Service Area.

M&O - GENERAL DIVISION BUDGET TOTAL: \$31,680,800 \$31,561,600 (\$119,200)

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
2 of 4

Fund: 101 Department Number: 67000

Department Name: Maintenance & Operations - North Service Area

THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
275	601010	Salaries of Regular Employees		\$24,327,500		\$24,446,700		\$119,200	Increase is due to the position change detailed below.
275	612600	Repairs to Collection Facilities		\$90,300		\$342,100		\$251,800	Increase is due to the carryforward of J67723-001, Furnish, Deliver, and Install Emergency Backup Generators, Various Locations.
275	612650	Repairs to Process Facilities		\$1,663,200		\$1,559,900		(\$103,300)	Decrease is due to the reevaluation of boiler tuning needs by utilizing in-house capabilities (\$53,300) and partial deferral of 20-684-11, Final Tank Painting, NSA (\$50,000).
275	623070	Electrical Parts and Supplies		\$1,048,500		\$900,000		(\$148,500)	Decrease is due to the revised estimate for electrical parts and the deferral of additional protection relay purchases.
--	724	Associate Civil Engineer #2 (Engineering Technician IV) (New Grade HP12) (HP15)	0		1		1		A crosshatch #2 was added to one position transferred from Section 653 in the Maintenance & Operations General Division.

M&O - NORTH SERVICE AREA BUDGET TOTAL:

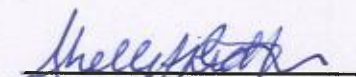
\$45,383,700

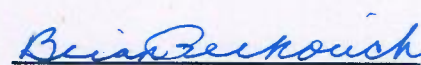
\$45,502,900

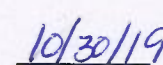
\$119,200

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)


Date


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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
3 of 4

Fund: 101 Department Number: 68000

Department Name: Maintenance & Operations - Calumet Service Area

THE FOLLOWING CHANGES ARE RECOMMENDED:

Budget Page	Code	Position Title or Line Item Name	No.	FROM \$ Amount	No.	TO \$ Amount	No.	Plus/(Minus) \$ Amount	Explanation
290	601010	Salaries of Regular Employees		\$18,497,300		\$18,601,400		\$104,100	Increase is due to the position change detailed below.
290	612420	Maintenance of Grounds and Pavements		\$145,000		\$87,900		(\$57,100)	Decrease is due to the favorable award of 19-665-11, Landscape Maintenance, Various Locations (\$43,500) and the reprioritization of fence and gate repair needs (\$13,600).
290	612650	Repairs to Process Facilities		\$3,550,400		\$3,503,400		(\$47,000)	Decrease is due to the negotiated discount received for the Foxboro Distributed Control System agreement over a five-year period.
--	824	Structural Ironworker #1 (PR5973)	0		1		1		One position was added in Section 824 with a crosshatch #1.


M&O - CALUMET SERVICE AREA BUDGET TOTAL:


\$38,960,500

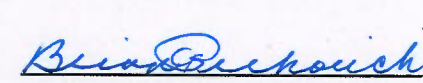
\$38,960,500

\$0

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)


Date


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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
4 of 4

Fund: 101 Department Number: 69000

Department Name: Maintenance & Operations - Stickney Service Area

THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
302	612600	Repairs to Collection Facilities		\$2,032,000		\$2,247,500		\$215,500	Increase is due to the carryforward of J67723-001. Furnish, Deliver, and Install Emergency Backup Generators. Various Locations.
302	612650	Repairs to Process Facilities		\$4,698,500		\$4,483,000		(\$215,500)	Decrease is due to the deferral of 20-617-11, Cleaning and Calibration of Power Distribution Equipment, Various Locations (\$175,000) and the revised scope for 20-690-11, Recondition Process Blower Motors, Various Locations (\$40,500).

M&O - STICKNEY SERVICE AREA BUDGET TOTAL: \$86,564,800 \$86,564,800 \$0

October 2019 (BF-19)

MAINTENANCE & OPERATIONS

BUDGET TOTAL: \$202,589,800 \$202,589,800 \$0


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS

Department Page Number:
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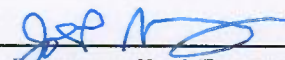
Fund: 201 Department Number: 50000 Department Name: Construction

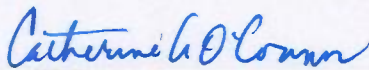
THE FOLLOWING CHANGES ARE RECOMMENDED:

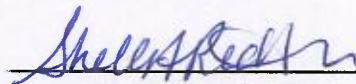
Budget Page	Code	Position Title or Line Item Name	No.	FROM \$ Amount	No.	TO \$ Amount	No.	Plus/(Minus) \$ Amount	Explanation
362	612400	Intergovernmental Agreements		\$1,065,000		\$2,065,000		\$1,000,000	Increase is due to the carryforward of the Intergovernmental Agreement between the District and the DuPage River Salt Creek Workgroup.
362	634650	Equipment for Process Facilities		\$50,000		\$248,000		\$198,000	Increase is due to the carryforward of 19-716-23, Furnish and Deliver One 44" x 80" Engine Lathe, OWRP (\$170,000) and 19-608-22, Furnish and Deliver HVAC Coils, Various Locations (\$28,000).
362	645680	Buildings		\$1,470,000		\$1,922,000		\$452,000	Increase is due to the carryforward of 19-612-22, Roof Restoration, Lockport Powerhouse.
362	645780	Preservation of Buildings		\$1,204,000		\$1,255,000		\$51,000	Increase is due to the carryforward of 19-707-22, Rebuild Gatehouses 1 & 2 and the Sludge Concentration Building, OWRP.

CONSTRUCTION FUND BUDGET TOTAL: \$15,343,400 \$17,044,400 \$1,701,000

October 2019 (BF-19)


Department Head (Recommended)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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Page

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

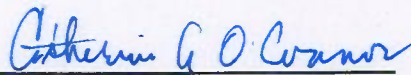
Fund: 401 Department Number: 50000 Department Name: Capital Improvements Bond

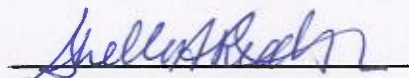
THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
434	612400	Intergovernmental Agreements		\$13,344,700		\$9,861,700		(\$3,483,000)	Decrease is due to the revised timing for 15-IGA-14, Construction of a Levee along Thorn Creek at Arquilla Park in Glenwood, CSA.
434	612430	Payments for Professional Services		\$1,402,400		\$85,000		(\$1,317,400)	Decrease is due to 19-RFP-11, Professional Services to Develop a Phosphorus Assessment and Reduction Plan for the Chicago Area Water System, being fully funded by the Corporate Fund under the Monitoring & Research Department.
434	645600	Collection Facilities Structures		\$1,340,000		\$500,000		(\$840,000)	Decrease is due to the deferral of 14-107-3S, Stickney Effluent Reuse Line, SSA.
434	645620	Waterway Facilities Structures		\$43,184,500		\$39,188,200		(\$3,996,300)	Decrease is due to 10-882-AF (changed to 19-IGA-22), Streambank Stabilization Project on Tinley Creek, CSA, being fully funded by the Stormwater Management Fund.
434	645650	Process Facilities Structures		\$33,245,000		\$37,455,000		\$4,210,000	Increase is due to the expected award of 18-803-32, Rehabilitation of Gravity Concentration Tank, CWRP (\$2,295,000) and 19-701-31, Furnish, Deliver, and Install Disc Filters 3 and 4, HPWRP (\$1,700,000) and the revised estimate for 18-248-3P, Sidestream Enhanced Biological Phosphorus Removal Pilot Study, CWRP (\$215,000).
434	645700	Preservation of Collection Facility Structures		\$16,470,000		\$20,670,000		\$4,200,000	Increase is due to the expected award of 14-372-3SR, Drop Shaft 5 Inspection and Miscellaneous Collection System Work, NSA.
434	645750	Preservation of Process Facility Structures		\$52,528,300		\$53,855,300		\$1,327,000	Increase is due to the revised estimate for 07-027-3S, North Side Sludge Pipeline Replacement - Section 1, NSA.

CAPITAL IMPROVEMENTS BOND FUND BUDGET TOTAL: \$214,306,200 \$214,406,500 \$100,300

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE EXECUTIVE DIRECTOR'S 2020 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

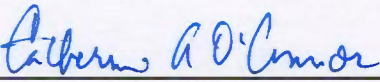
Fund: 501 Department Number: 50000 Department Name: Stormwater Management

THE FOLLOWING CHANGES ARE RECOMMENDED:

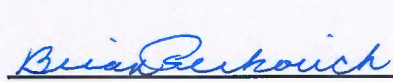
<i>Budget Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
515	612400	Intergovernmental Agreements		\$43,243,900		\$43,610,000		\$366,100	Increase is due to 19-IGA-22 (changed from 10-882-AF), Streambank Stabilization Project on Tinley Creek, CSA, being fully funded by the Stormwater Management Fund over a four-year period.
515	612990	Repairs, N.O.C.		\$2,000		\$3,500		\$1,500	Increase is due to the addition of repair services for the permit plan documents scanner in the Local Sewer Systems Section.
515	623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture		\$11,500		\$13,500		\$2,000	Increase is due to the addition of toner and paper supplies for the permit plan documents scanner in the Local Sewer Systems Section.
516	645620	Waterway Facilities Structures		\$17,056,900		\$16,687,300		(\$369,600)	Decrease is due to the deferral of 12-056-BF (12-056-5F was split into 12-056-AF and 12-056-BF), Flood Control Project on Prairie Creek, NSA.
--	639	Associate Civil Engineer (HP15)	0		1		1		One position was added in Section 639.
518	639	Engineering Technician V #4 (HP14)	1		0		(1)		One position was dropped in Section 639.

STORMWATER MANAGEMENT FUND BUDGET TOTAL: \$116,258,000 \$116,258,000 \$0

October 2019 (BF-19)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

10/30/19
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
2020 BUDGET MANUAL**

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**SUMMARY OF BUDGETED POSITION CHANGES CONTAINED IN THE
2020 EXECUTIVE DIRECTOR'S BUDGET RECOMMENDATIONS FOR THE
CORPORATE AND STORMWATER MANAGEMENT FUNDS BY DEPARTMENT**

<u>Department or Fund</u>	Budgeted Positions					Appropriation Control	
	2019	2020	2020	Net	2020	2019	2020
	Budgeted Positions	Total Added	Total Dropped	Change	Budgeted Positions	#1	#1
<u>Corporate Fund</u>							
Department							
11 - Board of Comms.	38	0	(2)	(2)	36	0	0
15 - General Admin.	119	2	0	2	121	0	0
16 - Monitoring & Res.	300	1	(7)	(6)	294	2	2
20 - Pr. & Mts. Mgmt.	63	0	0	0	63	1	1
25 - Human Res.	93	1	(2)	(1)	92	2	0
27 - Information Tech.	71	4	(5)	(1)	70	7	5
30 - Law	39	0	(1)	(1)	38	1	1
40 - Finance	27	0	0	0	27	0	0
50 - Engineering	212	0	(7)	(7)	205	0	0
Maintenance & Oprtns.							
66 - General	115	1	(4)	(3)	112	2	0
67 - North	248	6	(7)	(1)	247	2	4
68 - Calumet	188	2	(2)	0	188	1	0
69 - Stickney	369	3	(3)	0	369	0	1
M&O Total	920	12	(16)	(4)	916	5	5
Corporate Fund Total	1,882	20	(40)	(20)	1,862	18	14
<u>55 - Stormwater Mgmt.</u>							
Engineering	58	6	0	6	64	0	0
Maintenance & Oprtns.	27	1	(1)	0	27	0	0
Stormwater Mgmt. Fund Total	85	7	(1)	6	91	0	0
District Total	1,967	27	(41)	(14)	1,953	18	14

NOTE: The Net Change column includes departmental transfers in and transfers out.

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
2020 BUDGET MANUAL**

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**SUMMARY OF
PERSONNEL CHANGES, BY DEPARTMENT, IN THE
2020 EXECUTIVE DIRECTOR'S BUDGET RECOMMENDATIONS
DATED OCTOBER 15, 2019**

**Information Technology
Recommended 2020 Budget**

<u>Positions Added (Title and Grade)</u>		From	From
<u>SECTION</u>	<u>TITLE</u>	<u>FUND CENTER</u>	<u>SECTION</u>
271	Senior Budget & Management Analyst (HP16)	--	--
281	Assistant Director of Information Technology (HP20)	--	--
287	A/V Administrator (HP16)	--	--
289	Senior IT Security Administrator (HP18)	--	--
Total Positions Added			4

<u>Positions Dropped (Title and Grade)</u>		To	To
<u>SECTION</u>	<u>TITLE</u>	<u>FUND CENTER</u>	<u>SECTION</u>
275	Project Manager (HP16)	--	--
281	Information Technology Manager (HP19)	--	--
289	IT Security Analyst (HP14)	--	--
Total Positions Dropped			(3)

Crosshatches Implemented During 2019

<u>Positions Reclassified (Title and/or Grade)</u>		<u>NEW TITLE</u>
<u>SECTION</u>	<u>CURRENT TITLE</u>	
289	Computer Systems Administrator #2 (IT Security Analyst) (New Grade HP14) (HP17)	IT Security Analyst (HP14)

<u>Positions Dropped (Title and Grade)</u>		#
<u>SECTION</u>	<u>TITLE</u>	
291	Information Technology Manager (HP19)	#1
293	Senior Applications Administrator (HP18)	#1
Total Positions Dropped		(2)

Total Recommended Added Positions in 2020	4
Total Recommended Dropped Positions in 2020	(3)
Total Dropped Positions in 2019	(2)
Net Change (Information Technology):	(1)

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2020 BUDGET MANUAL**

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**Maintenance & Operations - General Division
Recommended 2020 Budget**

Crosshatches Added, Deleted, or Changed

<u>SECTION</u>	<u>TITLE</u>	<u>OLD #</u>	<u>NEW #</u>
681	Assistant Mechanical Engineer (HP14)	#2	--

Positions Added (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>From FUND CENTER</u>	<u>From SECTION</u>
681	Engineering Technician V (HP14)	68000	823

Total Positions Added		1
-----------------------	--	---

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>To FUND CENTER</u>	<u>To SECTION</u>
653	Associate Civil Engineer (HP15)	67000	724
654	Administrative Specialist (HP11)	--	--

Total Positions Dropped		(2)
-------------------------	--	-----

Crosshatches Implemented During 2019

Positions Reclassified (Title and/or Grade)

<u>SECTION</u>	<u>CURRENT TITLE</u>	<u>NEW GRADE</u>
652	Engineering Technician V (PM04)	Engineering Technician V (HP14)

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>#</u>
653	Maintenance Laborer Class B (NR8652)	#1
679	Associate Civil Engineer (HP15)	#1

Total Positions Dropped		(2)
-------------------------	--	-----

Total Recommended Added Positions in 2020		1
Total Recommended Dropped Positions in 2020		(2)
Total Dropped Positions in 2019		(2)
Net Change (M&O General Division):		(3)

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**Maintenance & Operations - North Service Area
Recommended 2020 Budget**

Positions Reclassified (Title and/or Grade)

<u>SECTION</u>	<u>FROM</u>	<u>TO</u>
753	Senior Mechanical Engineer (HP17)	Senior Engineer (HP17)

Crosshatches Added, Deleted, or Changed

<u>SECTION</u>	<u>TITLE</u>	<u>OLD #</u>	<u>NEW #</u>
734	Fireman-Oiler (NR6810) (3 positions)	--	#1
793	Treatment Plant Operator II (HP14)	--	#1

Positions Added (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>From FUND CENTER</u>	<u>From SECTION</u>
724	Associate Civil Engineer #2 (Engineer Technician IV) (New Grade HP12) (HP15)	66000	653
724	Principal Electrical Engineer (HP18)	69000	923
734	Fireman-Oiler (NR6810) (3 positions)	--	--
793	Treatment Plant Operator II (HP14)	--	--
Total Positions Added			6

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>To FUND CENTER</u>	<u>To SECTION</u>
724	Engineering Technician IV (HP12)	--	--
724	Senior Electrical Engineer (HP17)	69000	923
783	Fireman-Oiler (NR6810)	--	--
783	Treatment Plant Operator I (HP12) (2 positions)	--	--
Total Positions Dropped			(5)

Crosshatches Implemented During 2019

Positions Reclassified (Title and/or Grade)

<u>SECTION</u>	<u>CURRENT TITLE</u>	<u>NEW TITLE</u>
731	Assistant Engineer of Treatment Plant Operations #2 (Principal Engineer) (New Grade HP18) (HP19)	Principal Engineer (HP18)

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>#</u>
755	Maintenance Laborer Class B (NR8652)	#1
783	Maintenance Laborer Class A Shift (NR8650)	#1

Total Positions Dropped (2)

Total Recommended Added Positions in 2020	6
Total Recommended Dropped Positions in 2020	(5)
Total Dropped Positions in 2019	(2)
Net Change (M&O North Service Area):	(1)

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2020 BUDGET MANUAL**

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**Maintenance & Operations - Calumet Service Area
Recommended 2020 Budget**

Positions Added (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	From <u>FUND CENTER</u>	From <u>SECTION</u>
821	Engineering Technician V (HP14)	69000	924
824	Structural Iron Worker #1 (PR5973)	--	--

Total Positions Added

2

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	To <u>FUND CENTER</u>	To <u>SECTION</u>
823	Engineering Technician V (HP14)	66000	681

Total Positions Dropped

(1)

Crosshatches Implemented During 2019

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	#
824	Master Mechanic I (HP18)	#1

Total Positions Dropped

(1)

Total Recommended Added Positions in 2020

2

Total Recommended Dropped Positions in 2020

(1)

Total Dropped Positions in 2019

(1)

Net Change (M&O Calumet Service Area):

0

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**Maintenance & Operations - Stickney Service Area
Recommended 2020 Budget**

Positions Reclassified (Title and/or Grade)

<u>SECTION</u>	<u>FROM</u>	<u>TO</u>
910	Assistant Director of Maintenance & Operations (HP22)	Deputy Director of Maintenance & Operations (HP23)

Crosshatches Added, Deleted, or Changed

<u>SECTION</u>	<u>TITLE</u>	<u>OLD #</u>	<u>NEW #</u>
921	Engineer of Treatment Plant Operations I (HP21)	#2	--
931	Managing Engineer (HP20)	--	#1

Positions Added (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>From FUND CENTER</u>	<u>From SECTION</u>
923	Senior Electrical Engineer (HP17)	67000	724
931	Engineer of Treatment Plant Operations I (HP21)	--	--
932	Associate Civil Engineer (HP15)	--	--

Total Positions Added 3

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>To FUND CENTER</u>	<u>To SECTION</u>
923	Principal Electrical Engineer (HP18)	67000	724
924	Engineering Technician V (HP14)	68000	821
932	Engineering Technician III (HP11)	--	--

Total Positions Dropped (3)

Crosshatches Implemented During 2019

Positions Reclassified (Title and/or Grade)

<u>SECTION</u>	<u>CURRENT TITLE</u>	<u>NEW TITLE</u>
910	Deputy Director of Maintenance & Operations #2 (Assistant Director of Maintenance & Operations) (New Grade HP22) (HP23)	Assistant Director of Maintenance & Operations (HP22)

Total Recommended Added Positions in 2020	3
Total Recommended Dropped Positions in 2020	(3)
Net Change (M&O Stickney Service Area):	0

Total Recommended Added Positions in 2020	12
Total Recommended Dropped Positions in 2020	(11)
Total Dropped Positions in 2019	(5)
Net Change (M&O Overall):	(4)

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Engineering

Recommended 2020 Budget

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>To FUND CENTER</u>	<u>To SECTION</u>
542	Engineering Technician IV (HP12)	55000	516
555	Associate Civil Engineer (HP15)	55000	516
556	Assistant Civil Engineer (HP14)	55000	516
556	Engineering Technician III (HP11) (2 positions)	--	--
556	Engineering Technician IV (HP12)	--	--
556	Engineering Technician IV (HP12)	55000	516
Total Positions Dropped			(7)

Total Recommended Added Positions in 2020

0

Total Recommended Dropped Positions in 2020

(7)

Net Change (Engineering):

(7)

Total Recommended Added Positions in 2020

20

Total Recommended Dropped Positions in 2020

(30)

Total Dropped Positions in 2019

(10)

Net Change (Corporate Fund):

(20)

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**Stormwater Management Fund
Recommended 2020 Budget**

Positions Added (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>From FUND CENTER</u>	<u>From SECTION</u>
516	Assistant Civil Engineer (HP14)	--	--
516	Assistant Civil Engineer (HP14)	50000	556
516	Associate Civil Engineer (HP15)	50000	555
516	Engineering Technician IV (HP12)	50000	556
516	Engineering Technician IV (HP12)	50000	542
516	Senior Civil Engineer (HP17)	--	--
639	Associate Civil Engineer (HP15)	--	--

Total Positions Added

7

Positions Dropped (Title and Grade)

<u>SECTION</u>	<u>TITLE</u>	<u>To FUND CENTER</u>	<u>To SECTION</u>
639	Engineering Technician V #4 (HP14)	--	--

Total Positions Dropped

(1)

Total Recommended Added Positions in 2020

7

Total Recommended Dropped Positions in 2020

(1)

Net Change (Stormwater Management Fund):

6

Total Recommended Added Positions in 2020

27

Total Recommended Dropped Positions in 2020

(31)

Total Dropped Positions in 2019

(10)

Net Change (District):

(14)